

# HRP Associates, Inc.

Creating the Right Solutions Together

October 18, 2011

Ms. Claire Foster  
Remediation Division  
Connecticut Department of Energy & Environmental Protection  
79 Elm Street  
Hartford, CT 06106

RE: RESPONSE TO CT DEEP COMMENTS; FORMER FAFNIR BEARING COMPANY, 263 MYRTLE STREET (FORMERLY 37 BOOTH STREET), NEW BRITAIN, CONNECTICUT (HRP #NEW4914.RA)

Dear Ms. Foster:

On behalf of the City of New Britain, HRP Associates, Inc. (HRP) has prepared this letter in response to your comments on the April 2010 "Soil Closure Report" and the August 2009 letter from the City pertaining to the DEEP's comments on the "Vapor Intrusion, Mitigation, Operation & Maintenance Plan" dated October 3, 2011.

Each of your comments are reiterated and addressed below and the requested documentation is attached.

## **Soil Management Closure Report**

1. *"The Easement Map Depicting Environmental Land Use Restriction (ELUR) Subject Areas notes that inaccessible soil in areas B, C, D and E shall not be disturbed. Because there are additional areas on the site where soil contamination exceeds IC DEC less than 15 feet from the surface (e.g. RA-6 on cross section B), soil at the entire property must be rendered inaccessible."*

The Easement map depicting the ELUR subject areas has been revised and redefined Subject Area D as all areas of the property exterior of the building footprint. The ELUR requirement assigned to this subject area renders all site soil not located beneath the building inaccessible. More specifically, the ELUR requirement is defined as follows:

"Disturbance: Inaccessible soil exceeding the industrial/commercial direct exposure criteria at Subject Area D, which is located more than four (4) feet below the ground surface, shall not be disturbed or exposed by activities such as demolition, excavation or other intrusive activities."

The revised figure showing the ELUR subject areas and requirements, as well as the revised page from the Soil Closure Report detailing these areas (discussed below) are attached as Appendix A.

2. *"The Soil Management Plan included cross sections for proposed grading on site and locations of contaminated soil, but the Closure Report did not include current cross section. Updated cross sections of the current grading and remedial areas must be provided."*

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FAX 727-942-2113

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518-877-7101  
FAX 518-877-8561

## **SOUTH CAROLINA**

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864-289-0311  
FAX 864-281-9846

## **TEXAS**

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The cross sections showing former buildings and soil remedial areas that were originally included in the Soil Management Plan have been revised to show current site grading in relation to the former features. These revised cross sections are attached as Appendix B.

3. *"Documentation must be provided that soil vapor sampling points within the building have been permanently capped to prevent possible vapor intrusion."*

The soil vapor sampling points located inside the site building are constructed of PVC at a height of approximately 1 to 2 feet above the floor grade. These points are capped and the interstitial space between the floor and the riser is sealed with concrete and caulk to prevent possible vapor intrusion.

4. *"The Easement Map Depicting ELUR Subject Areas and page 25 of the Closure Report do not describe the same restrictions that will be included in the ELUR. Taking into account changes noted in Comment 1 of this letter, these two sections must be updated to correspond with each other."*

Page 25 of the Soil Closure Report which details the requirements of the ELUR has been revised to correlate with the updated ELUR Easement Map and is included with the revised figure in Appendix A.

#### **Vapor Intrusion, Mitigation, Operation & Maintenance Plan**

1. *"...as built plans detailing the vapor mitigation system should be kept on file at the town offices in perpetuity so possible future owners of the property will have access to them. As an alternative, these documents may be submitted to the Department for inclusion into the project file. Please inform me of your plans in regard to this matter."*

The City of New Britain has a copy of the specific construction details of the vapor mitigation system, as they were provided in the approved plan, and will maintain a copy on file at the town offices.

If you have any questions or require additional information, please feel free to contact HRP at (860) 674-9570.

Sincerely,

HRP ASSOCIATES, INC.



Stefanie A. Kreipovich  
Senior Project Geologist



Scot Kuhn, LEP  
Senior Project Manager

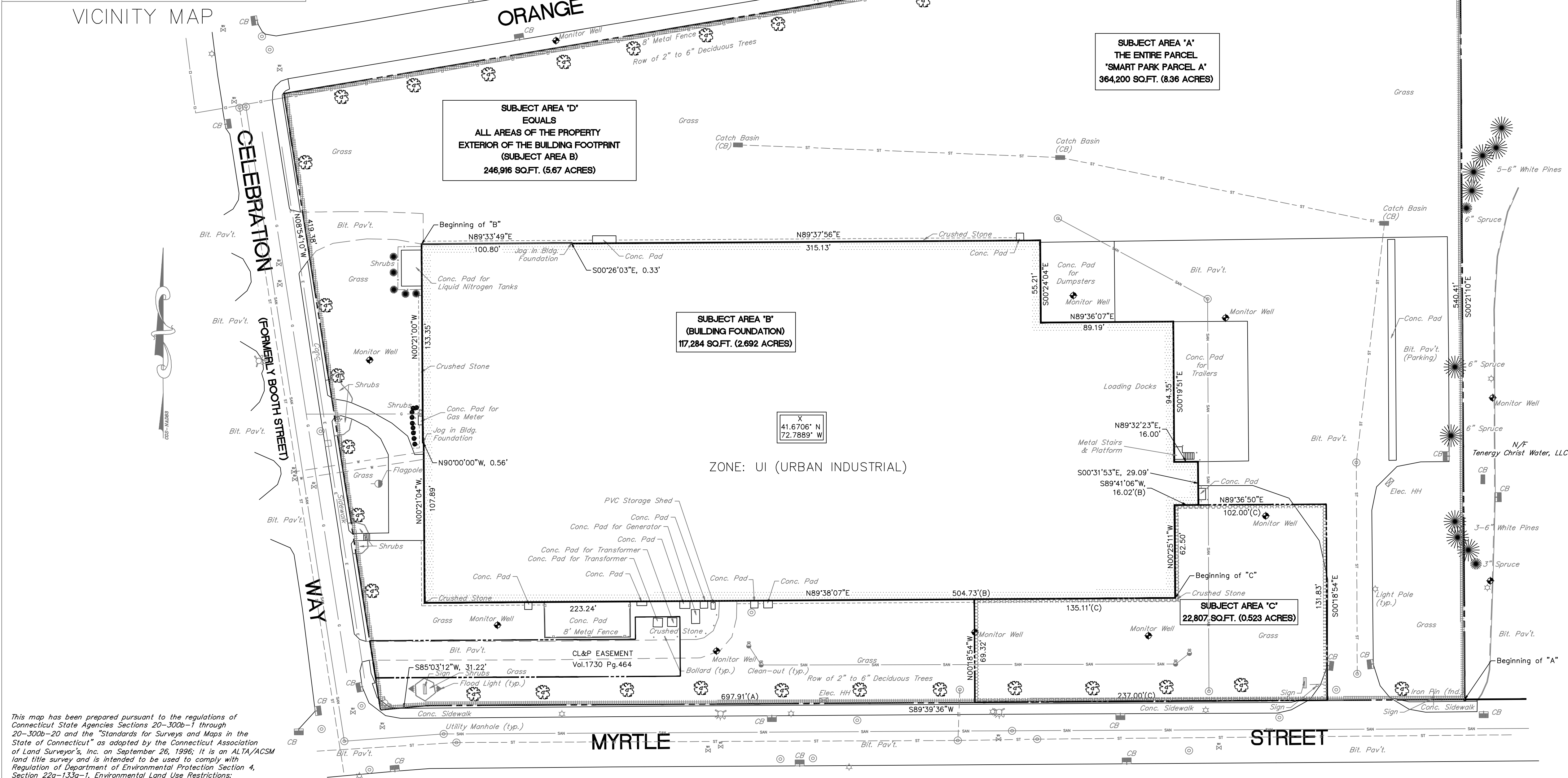
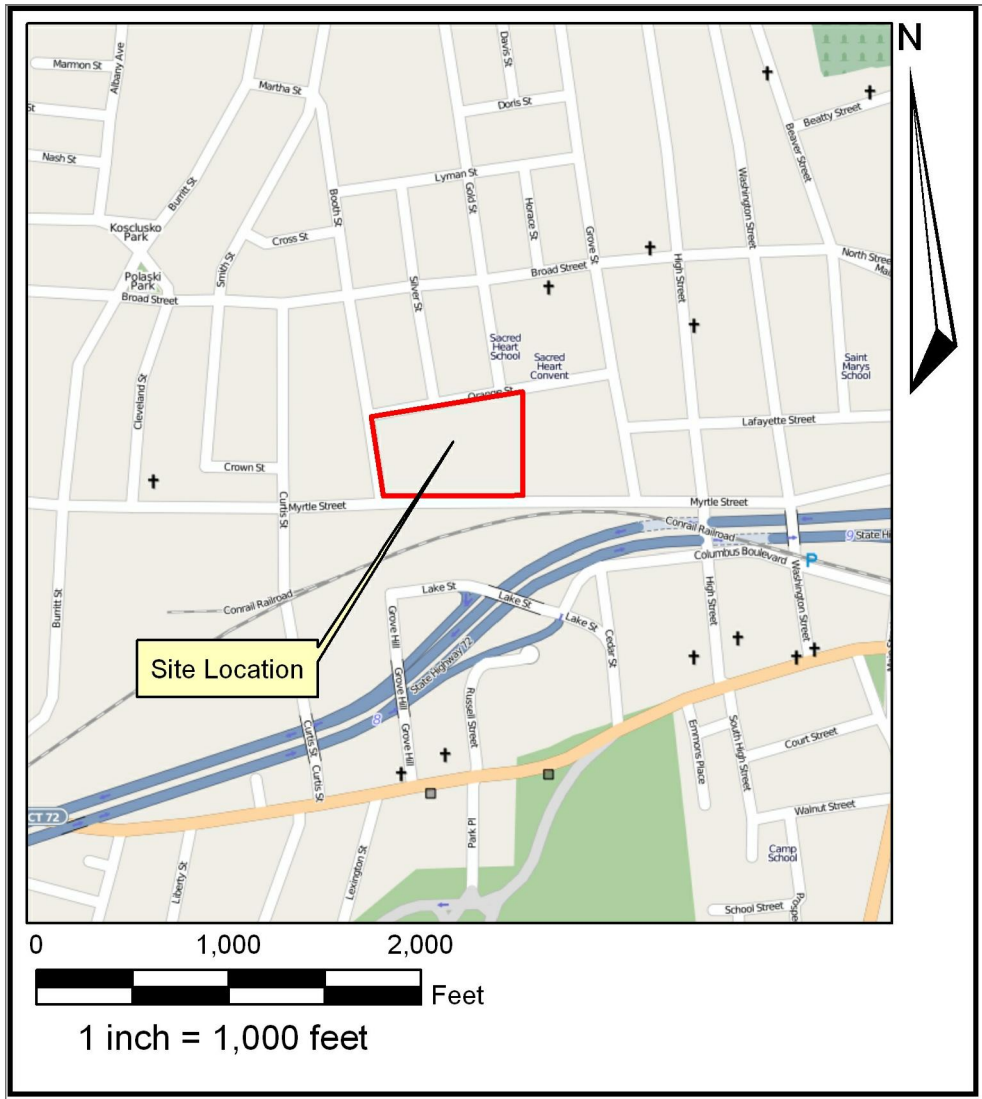
Attachments

cc: Mark Moriarty, City of New Britain  
Michael Lombardi, Centerplan

## **APPENDIX A**

### **REVISED ELUR FIGURE & SECTION 10.1 OF SOIL CLOSURE REPORT**





This map has been prepared pursuant to the regulations of Connecticut State Agencies Sections 20-300b-1 through 20-300b-20 and the "Standards for Surveys and Maps in the State of Connecticut" as adopted by the Connecticut Association of Land Surveyors, Inc. on September 26, 1996; It is an ALTA/ACSM land title survey and is intended to be used to comply with Regulation of Department of Environmental Protection Section 4, Section 22a-133q-1, Environmental Land Use Restrictions;

This map and the survey on which it is based were made in accordance with "Minimum Standard Detail Requirements for ALTA/ACSM Land Title Surveys", jointly established and adopted by ALTA and ACSM in 2005, and includes all optional items of Table A thereof, exclusive of items 2, 4, 7a, 7b, 8, 10, 11b, and 13, pursuant to the accuracy standards (as adopted by ALTA and ACSM in effect on the date of this certification);

The type of survey performed is a limited boundary survey (easement map survey), and is intended to show the Environmental Land Use Restriction (ELUR) with respect to the property boundary;

Boundary determination/opinion is a dependent resurvey and is based upon locating physical evidence, map references; and

This survey conforms to Class A-2 and Class T-2;

To my knowledge and belief this map is substantially correct as noted herein;

Francis M. Sova, PLS#15771  
for HRP Associates, Inc.

This map is not valid without the live signature and impression type seal of the surveyor whose signature appears herein.

**ENVIRONMENTAL LAND USE RESTRICTION (ELUR) REQUIREMENTS:**

For Subject Area "A":

USE: No residential activity shall be permitted at Subject Area "A", the entire property.

For Subject Area "B":

DISTURBANCE: Inaccessible and environmentally isolated soil at Area "B", which is located beneath the existing building, shall not be exposed as a result of excavation or other intrusive activities, and shall not be exposed to the infiltration of soil water due to, among other things, the demolition of the site building.

For Subject Area "C":

DISTURBANCE: Polluted groundwater at Subject Area "C" which is located in the area between the southeast corner of the building and the street line of Myrtle Street, shall not have a building constructed over the area of polluted groundwater.

For Subject Area "D":

DISTURBANCE: Inaccessible soil exceeding the industrial/commercial direct exposure criteria at Subject Area "D", which is located more than four (4) feet below the ground surface, shall not be disturbed or exposed by activities such as demolition, excavation or other intrusive activities.

**NOTES:**

- Limited boundary determination/opinion has been made. Property data and information shown is based upon the referenced drawings hereon. Limited records research was performed.
- The location of underground utilities depicted hereon are based upon field locations and information provided by others. Their true location where visible at the surface may vary in their direction underground and all underground utilities known to exist are depicted.
- See: Certificate of Title dated April 20, 2009, as of 2:16 PM as attached to the ELUR document.

Map References:

- Map entitled "CENTERPLAN DEVELOPMENT COMPANY PROPOSED MANUFACTURING FACILITY, NEW BRITAIN, CT, CITY PLACE 34TH FLOOR 185 ASYLUM STREET HARTFORD, CT CONTRACT SET SHEETS C0.1, C1.1, C1.2, C2.1, C2.2, C3.1, C3.2, C4.1, C6.0" BY PURCELL ASSOCIATES, SCALE: 1"=40', DATE 6/15/07 AS RECEIVED FROM CLIENT.
- OTHER UNNAMED PLANS AS SUPPLIED BY CLIENT.

**LEGEND**

- E — Underground Electric
- SAN — Sanitary Sewer
- ST — Storm Sewer
- G — Gas Main
- W — Water Main
- ★ Light Pole
- ⊕ Electric Handhole
- ⊕ Hydrant
- ⊕ CB Catch Basin
- ⊕ Monitor Well
- ⊕ Clean-out
- ⊕ Water gate / Gas gate
- ⊕ Utility Manhole

NOTE:

THIS DRAWING IS AN INSTRUMENT OF SERVICE OF AND REMAINS THE PROPERTY OF HRP ASSOCIATES, INC. IT IS TO BE USED ONLY FOR THIS SPECIFIC PROJECT AND SHALL NOT BE MODIFIED WITHOUT THE WRITTEN CONSENT OF HRP ASSOCIATES, INC. ANY UNAUTHORIZED MODIFICATIONS WILL INVALIDATE ALL SIGNATURES, CERTIFICATIONS AND DECLARATIONS CONTAINED HEREON

REVISIONS		
NO.	DATE	DESCRIPTION

LEGAL DESCRIPTIONS FOR ENVIRONMENTAL LAND USE RESTRICTION (ELUR) SUBJECT AREAS

**SUBJECT AREA "A" (SOLELY FOR SMART PARK PARCEL A)**

Beginning at a point, said point being the intersection of the northerly street line of Myrtle Street and the westerly property line of land now or formerly of Tenery Christ Water, LLC;

Thence generally westerly along said northerly street line of Myrtle Street the following courses and respective distances:

S89°19'56"W, 697.91 feet to a point;

S85°03'12"W, 31.22 feet to the point in the easterly street line of Celebration Way (formerly Booth Street);

Thence N08° 54'10"W along said easterly street line of Celebration Way (formerly Booth Street), 419.38 feet to a point in the southerly street line of Orange Street;

Thence N80°27'28"E along said southerly street line of Orange Street, 801.67 feet to a point in the aforesaid westerly line of land now or formerly Tenery Christ Water, LLC;

Thence S00°21'10"E along said westerly line of land now or formerly Tenery Christ Water, LLC, 540.41 feet to the point of beginning.

The herein described Environmental Land Use Restriction (ELUR), Subject Area "A" contains 364,200 square feet (8.36 acres).

**SUBJECT AREA "B" (Building Foundation)**

Beginning at a point, said point being the northwesterly corner of building known as 1 Celebration Way;

Thence N89°33'49"E along the said northerly face of the building, 100.80 feet to a jog to the south in the northerly face of the building;

Thence S00°26'03"W, along said jog, 0.33 feet to a point in the northerly face of the building;

Thence N89°37'56"E, along said northerly face of the building, 315.13 feet to a point in the easterly face of the building;

Thence S00°24'04"E, along said easterly face of the building, 55.21 feet to a point in the northerly face of the building;

Thence N89°38'07"E, along said northerly face of the building, 89.19 feet to a point in the easterly face of the building;

Thence S00°19'51"E, along the said easterly face of the building, 94.35 feet to a point in the northerly face of the building;

Thence N89°32'23"E, along the said northerly face of the building, 16.00 feet to a point in the easterly face of the building;

Thence S00°31'53"E, along the said easterly face of the building, 29.09 feet to a point in the southerly face of the building;

Thence S89°41'06"W, along the said southerly face of the building, 16.02 feet to a point in the easterly face of the building;

Thence S00°25'11"E, along said easterly face of the building, 62.50 feet to a point in the southerly face of the building;

Thence S89°38'07"W, along said southerly face of the building, 504.73 feet to a point in the westerly face of the building;

Thence N00°21'04"W, along said westerly face of the building, 107.89 feet to a jog to the west in said westerly face of the building;

Thence N90°00'00"W, along said jog in the building, 0.56 feet to a point in the westerly face of the building;

Thence N00°21'00"W, along said westerly face of the building, 133.35 feet to the point of beginning.

The herein described Environmental Land Use Restriction (ELUR) Subject Area "B" contains 117,284 square feet (2.692 acres).

**SUBJECT AREA "C"**

Beginning at a point, said point being the southeasterly corner of the building known as 1 Celebration Way;

Thence N00°25'11"W, along the easterly face of the building, 62.50 feet to a point in the southerly face of the building;

Thence N89°41'06"E, along said southerly face of the building and an extension of said southerly face, each in part, 102.00 feet to a point;

Thence S00°18'54"E, on a line perpendicular to the previously mentioned course through land of the grantor, 131.83 feet to a point in the northerly street line of Myrtle Street;

Thence S89°39'36"W, along said northerly street line of Myrtle Street, 237.00 feet to a point;

Thence N00°18'54"W, through land of the grantor, 69.32 feet to a point in the southerly face of the building;

Thence N89°38'07"E, along said southerly face of the building, 135.11 feet to the point of beginning.

The herein described Environmental Land Use Restriction (ELUR) Subject Area "C" contains 22,807 square feet (0.523 acres).

**SUBJECT AREA "D"**

Subject Area "D" is equal to Subject Area "A" (see metes and bounds description above) less Subject Area "B" (see metes and bounds description above) and contains 246,916 square feet (5.67 acres).

**GRAPHIC SCALE**

40 0 20 40 80 160

( IN FEET )

1 inch = 40 ft.

PREPARED FOR THE CITY OF NEW BRITAIN

DECLARATION OF ENVIRONMENTAL LAND USE RESTRICTION AND GRANT OF EASEMENT, EXHIBIT "C"

BETWEEN

CAKEMAKER, LLC

AND COMMISSIONER OF ENVIRONMENTAL PROTECTION

DATED

MAP SHOWING PROPERTY OF

CAKEMAKER, LLC

CELEBRATION FOODS FACILITY

1 CELEBRATION WAY

NEW BRITAIN, CONNECTICUT

<b>HRP Associates, Inc.</b> Environmental/Civil Engineering & Hydrogeology Creating the Right Solutions Together 197 Scott Swamp Road Farmington, Connecticut 06032 Ph: (860) 674-9870 Fax: (860) 674-9824 www.hrpassociates.com	FMS/DFH SURVEYED FMS DRAWN DFH CHECKED	CLA APPROVED DATE PROJECT NO.	1"=40' SCALE JULY 25, 2011 DATE HAL2046.RA PROJECT NO.	1 of 1 SHEET NO.
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## **10.0 CONCLUSION OF SUBSURFACE WORK**

Following the completion of all excavation activities, soil relocation and the final placement of all fill materials, the ground surface was re-graded to accommodate the new building and surrounding grade. This indicated the end of active subsurface soil management. The new site elevations and grade are indicated on the attached Topographic Plan, prepared by O'Brien Associates, Inc. for the City of New Britain. It should be noted that following the preparation of this figure, additional material was added to the area off the southeast corner of the site building (as discussed below). This portion of the site was resurveyed by Mizzy Construction, Inc. and their figure indicating the new elevations in this area is attached.

### **10.1 Environmental Land Use Restriction (ELUR)**

An ELUR was prepared for the site and is currently under review. The ELUR will be placed on the land records for the site to meet the requirements of the RSR (22a-133k-1 through 22a-133k-3 of the Regulations of State Agencies). The ELUR will restrict current and future use of the site to commercial and/or industrial; and will also prohibit certain activities within the defined Subject Areas, as depicted on Easement Map Depicting Environmental Land Use Restriction Subject Areas (attached) prepared by O'Brien Associates, Inc. for the City of New Britain.

The Subject Areas include:

- the entire Property (Subject Area A)
- an area immediately adjacent and parallel to the northern wall of the site building (Subject Area B)
- an area immediately adjacent and parallel to the southern building wall (Subject Area C)
- an area beneath the footprint of the site building (Subject Area D)
- an area at the southeastern corner of the Property (Subject Area E)

The ELUR will prohibit the disturbance of polluted soils that are located greater than four feet below grade in Subject Areas A, B, and C; requires that the site building be maintained to isolate polluted soils in Subject Area D and will prohibit the construction of any building in Subject Area E.

Additional soil cover was added Subject Area C (along the southeast corner of the new site building) to comply with RSR requirements for at least 4 ft of fill must cover remaining impacted soils. The additional cover material raised the ground elevation in this area from approximately 327 ft above sea level to approximately 329 ft above sea level. This elevation provides the required 4 ft of clean fill to cover the remaining impacted soils (located at an elevation of approximately 323 ft above sea level in this area). Refer to Mizzy Construction, Inc.'s Grading As-Built figure (attached) for the correct elevations in this area.

Because compliance with the I/C VC has been demonstrated in soil gas beneath the footprint of the building, the I/C VC will not apply to groundwater beneath the site when the ELUR is in place. The ELUR will also ensure that the building remains in place and prevent disturbances to the soils which exceed the ICDEC numeric criteria in localized areas of the property.

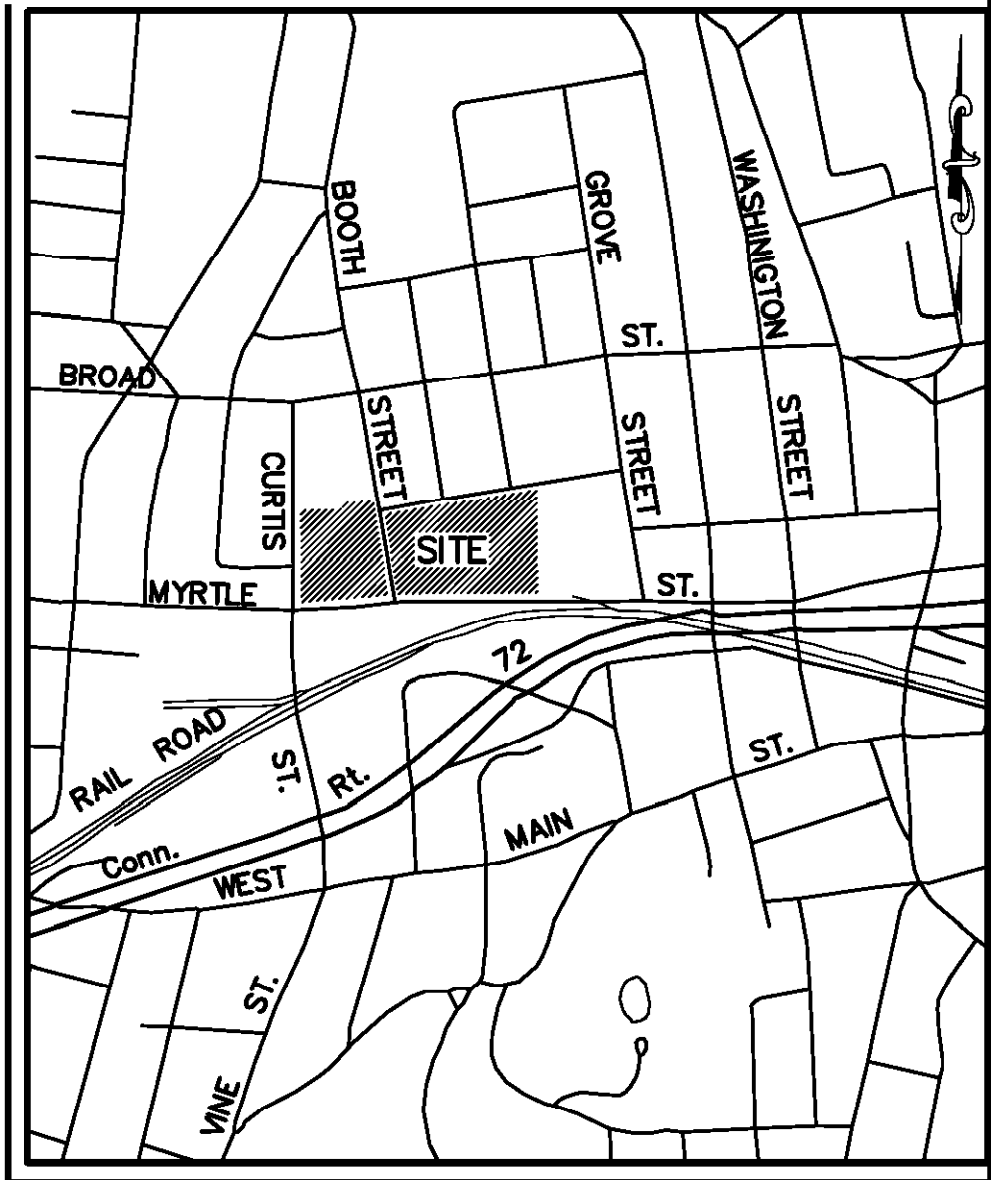
**APPENDIX B**

**REVISED CROSS SECTIONS**



LEGEND

- BOLLARD
- GAS METER
- ⊙ WATER OR GAS VALVE
- ⊙ SANITARY MANHOLE/STRUCTURE
- ⊙ STORM DRAINAGE MANHOLE/STRUCTURE
- LIGHT POLE
- CATCH BASIN - TYPE "C" / "C-L"
- x13.7 SPOT ELEVATION
- PROPERTY LINE
- SANITARY LINE
- GAS LINE
- W --- WATER LINE
- T --- TELEPHONE LINE
- E --- UNDERGROUND ELECTRIC LINE
- ⊕ SIGN
- ⊕ HYDRANT
- ⊕ UTILITY POLE/CLUT



LOCATION PLAN  
Scale: 1 = 1000

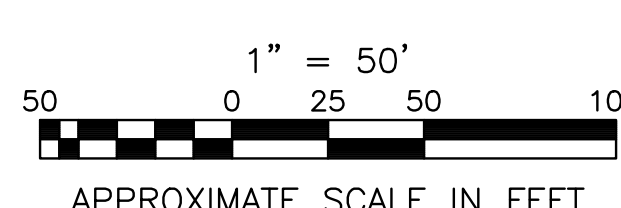
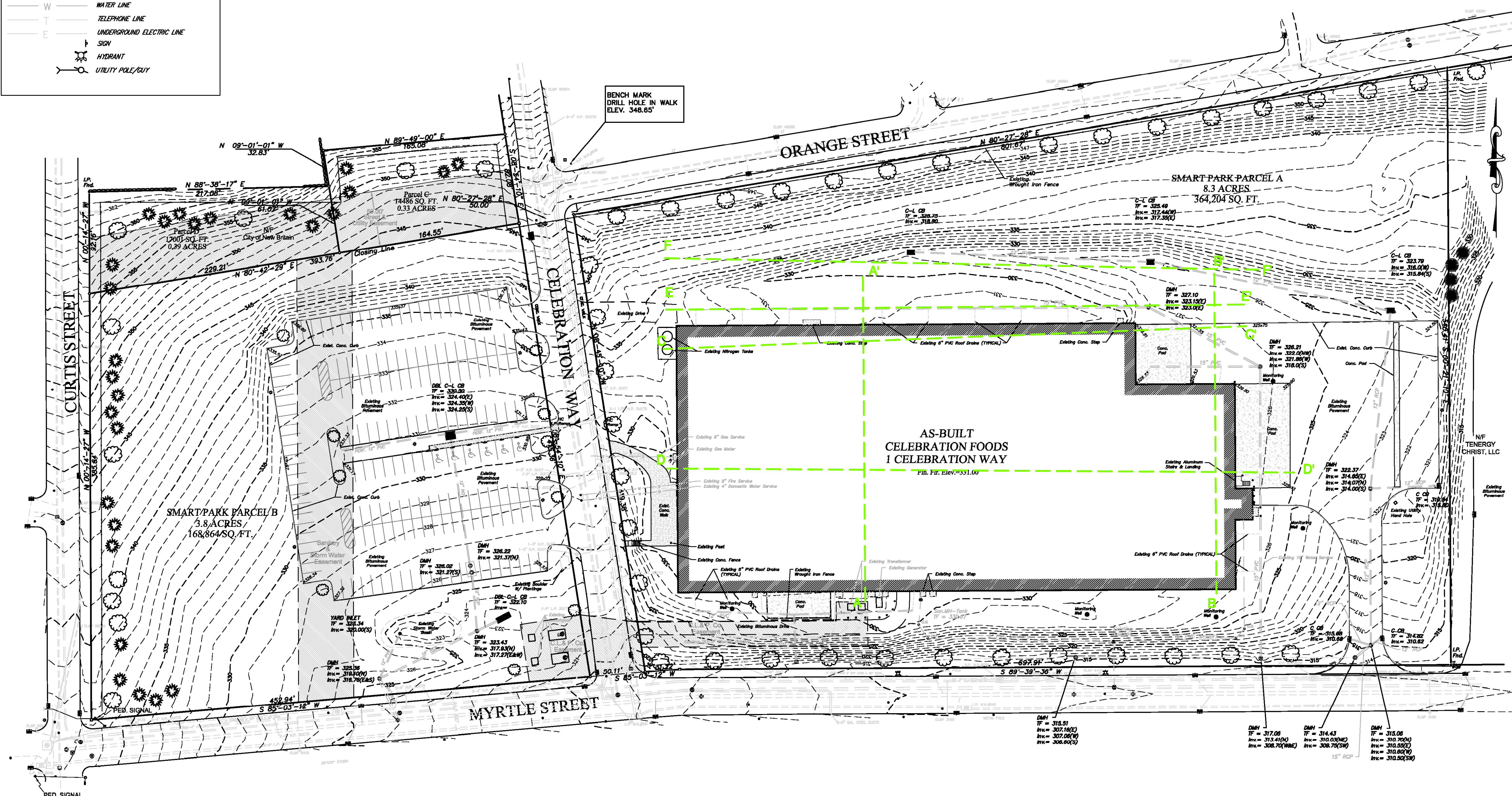
CONTRACT DRAWING REFERENCES:

PLAN SET ENTITLED AS FOLLOWS:

- "DATA ACCUMULATION PLAN CENTERPLAN DEVELOPMENT COMPANY CELEBRATION FOODS FACILITY LOCATED AT 1 CELEBRATION WAY NEW BRITAIN, CONNECTICUT PREPARED BY: O'BRIEN ASSOCIATES, INC. 83 MOUNTAIN LAUREL DRIVE, MIDDLETOWN, CONN. SCALE: 1"=50' DATE: JUNE 8, 2008 FILE 3125 SHEET 1 OF 1"
- "263 MYRTLE STREET COMPACTION PLAN MAP SHOWING EASEMENT AREA TO BE GRANTED TO THE CONNECTICUT LIGHT AND POWER COMPANY ACROSS PROPERTY OF CAKEMAKER, LLC CL&P FILE NO. W07089D NEW BRITAIN, CONNECTICUT PREPARED BY: PURCELL ASSOCIATES CONSULTING ENGINEERS CIVIL & SITE STRUCTURAL TRANSPORTATION SURVEYING GLASTONBURY, CONNECTICUT BOSTON, MASSACHUSETTS SCALE: HORIZ.: 1"=40' SURVEYOR JK CHECKED: JK DRAWN: LDD APPROVED: ADT DATE: DEC 17, 2007 SHEET NO. 1 OF 1"
- "CENTERPLAN DEVELOPMENT COMPANY PROPOSED MANUFACTURING FACILITY NEW BRITAIN, CT CITYPLACE 34th FLOOR 185 ASYLUM STREET HARTFORD, CT 06103 SEHIT TITLE: GRADING AND UTILITY PLAN SHEET NO. C2.1 & C2.2 PURCELL ASSOCIATES CONSULTING ENGINEERS 90 NATIONAL DRIVE GLASTONBURY, CONNECTICUT 06033 PROJ NO: P704070041 SCALE: 1"=30' DATE: 06/15/07 DESIGNED BY: PAR DRAWN BY: PAR CHECKED BY: RAJ REV. 6/29/2007 REV. 7/20/2007 REV. 8/22/2007" AS RECEIVED FROM CLIENT.
- "GOLDEN MYRTLE STREET NEW BRITAIN, CT TRANS SYSTEMS SHEET DESCRIPTION SITE PLAN D&W/E ENGINEERING ASSOCIATES INCORPORATED 81 RIVER ST. P.O. BOX 1576 MONTPELIER, VT 05601-1576 PROJECT NO. 07011 DATE 25 JAN 07 SCALE 1"=30' DRAWN BMLK/DFL C1.01 SHEET 1 OF 2 & C1.02 SHEET 2 OF 2" AS RECEIVED FROM CLIENT.
- "271-279 MYRTLE STREET ET AL & 263 MYRTLE STREET LOT CONSOLIDATION PLAN SMART PARK PROPERTY OF THE CITY OF NEW BRITAIN PREPARED FOR CAKEMAKER LLC MYRTLE, ORANGE, BOOTH, & CURTIS STREETS NEW BRITAIN, CONNECTICUT SHEET NO. S12 PREPARED BY: PURCELL ASSOCIATES CONSULTING ENGINEERS CIVIL & SITE STRUCTURAL TRANSPORTATION SURVEYING GLASTONBURY, CONNECTICUT BOSTON, MASSACHUSETTS SCALE: HORIZ.: 1"=40' SURVEY DATUM: HORIZ.: NAD1927 VERT.: CITY OF NEW BRITAIN SURVEYOR JK DRAWN: LDD CHECKED: JK APPROVED: ADT SURVEY BOOK: 06-12 PG. 18 PROJ. NO.: 07-233 DATE: JUNE 18, 2007" AS RECEIVED FROM CLIENT.

NOTES:

- NO BOUNDARY DETERMINATION/OPINION HAS BEEN MADE. PROPERTY DATA AND INFORMATION SHOWN IS INCOMPLETE & BASED UPON THE CONTRACT DRAWINGS REFERENCED HEREON. NO RECORDS RESEARCH PERFORMED.
- THIS MAP IS INTENDED TO SHOW AS BUILT INFORMATION OBTAINED BY BOTH FIELD SURVEY AND FROM AS BUILT DATA FURNISHED BY OTHERS.
- THE NORTH ARROW SHOWN HEREON ARE BASED UPON THE CONTRACT DRAWINGS REFERENCED HEREON.
- ELEVATIONS SHOWN ON THIS PLAN ARE BASED UPON THE CONTRACT PLANS REFERENCED HEREON AND REFER TO CITY OF NEW BRITAIN DATUM.
- AS BUILT FIELD SURVEY WORK BY O'BRIEN ASSOCIATES, INC. WAS PERFORMED DURING CONSTRUCTION WITH FINAL FIELD WORK IN MAY 2008. ADDITIONAL FIELD SURVEY WORK CONDUCTED ON FEBRUARY 13, 2009.



REVISIONS

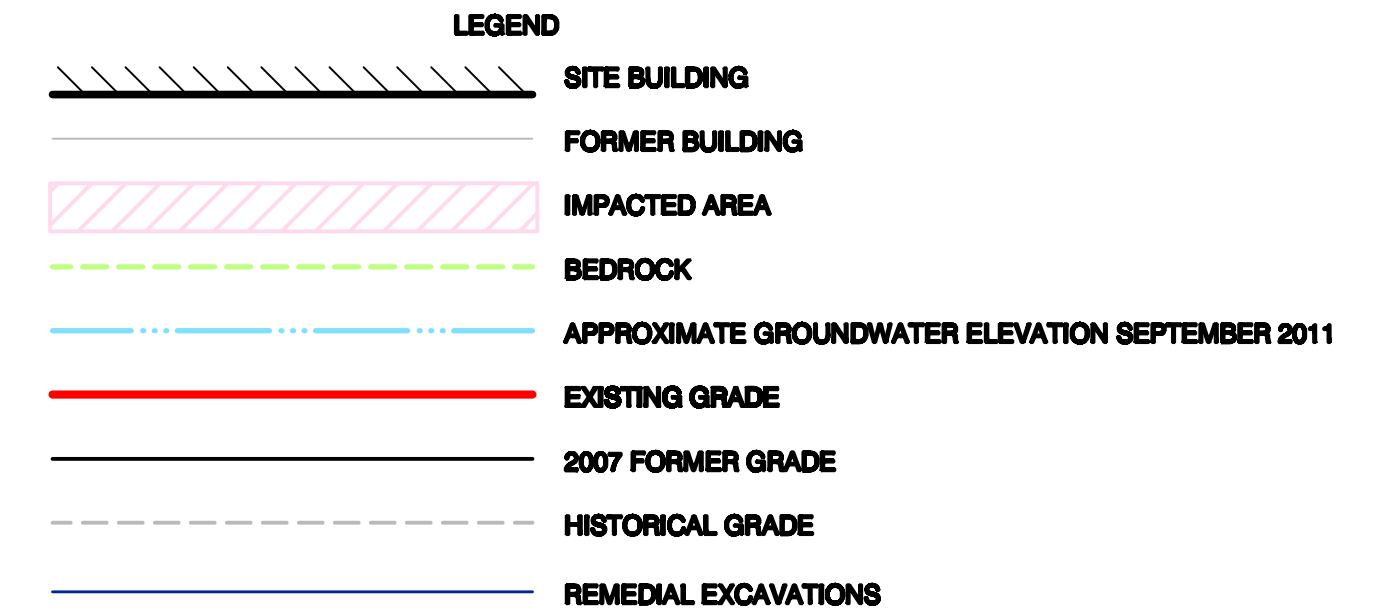
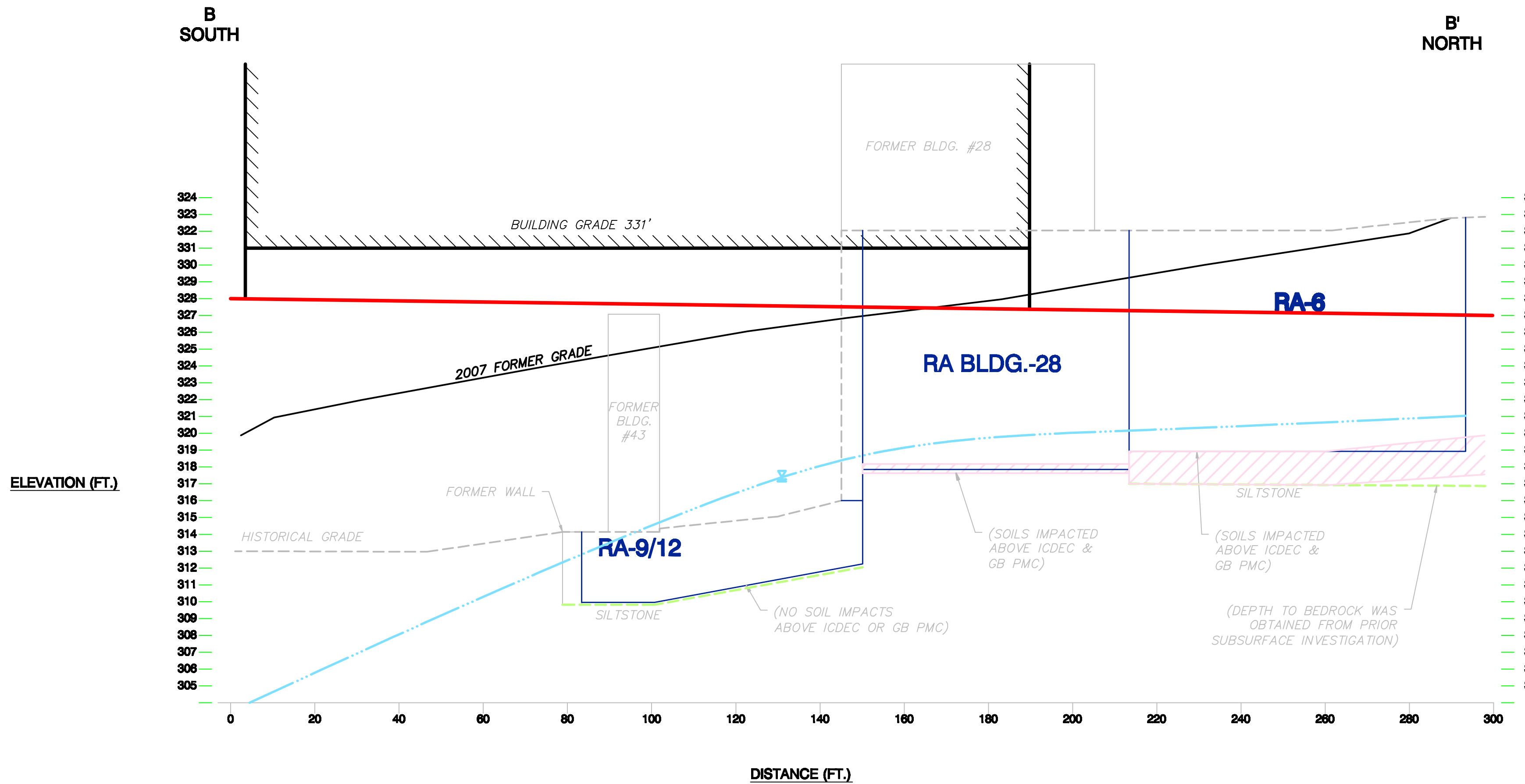
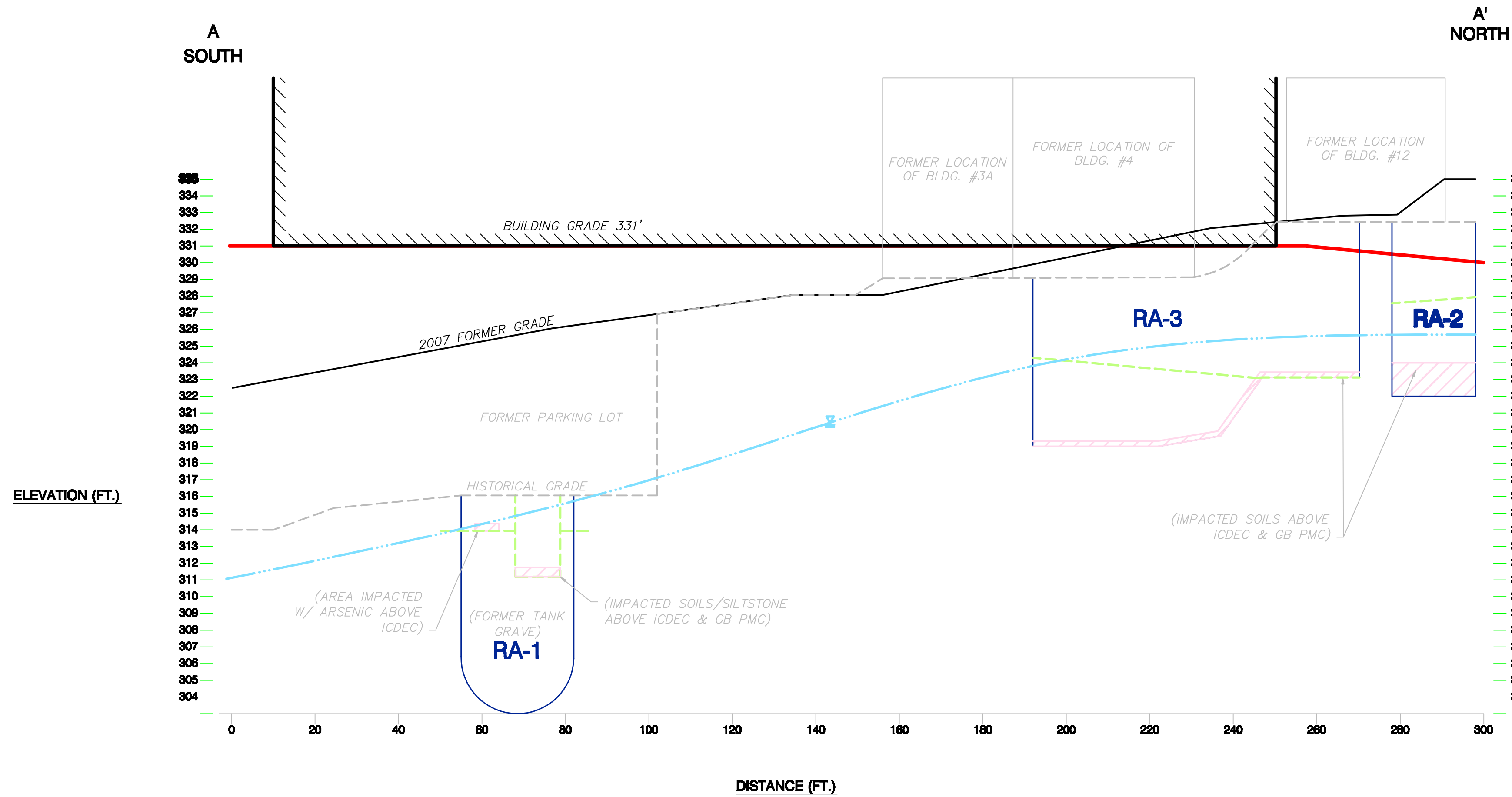
NO.	DATE	DESCRIPTION

**HRP Associates, Inc.**  
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187 Scott Swamp Road  
Farmington, Connecticut 06032  
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CLA	RHL	AS NOTED
DESIGNED	APPROVED	SCALE
B.O.B.	OCT. 2011	DATE
DRAWN	NEW4912.RA	PROJECT NO.
CLA	CHECKED	SHEET NO.

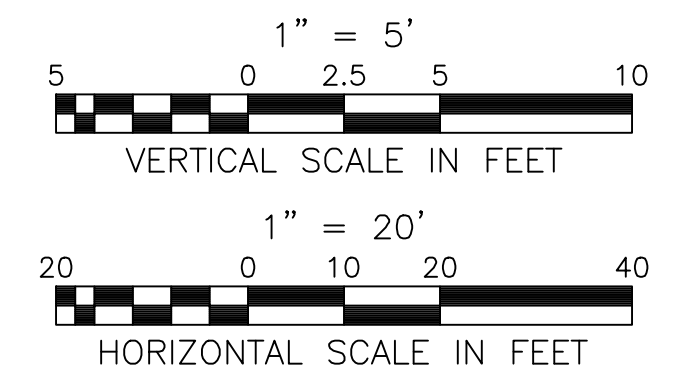
**FIG. 1**





**NOTES:**

- BUILDINGS & EXCAVATIONS START AT FORMER GRADE
- DEPTHS TO GROUNDWATER & BEDROCK ARE APPROXIMATE
- VERTICAL BUILDING DIMENSIONS ARE NOT TO SCALE
- RA = REMEDIAL AREA
- ICDEC = INDUSTRIAL/COMMERCIAL DIRECT EXPOSURE CRITERIA
- GB = AQUIFER DESIGNATION
- PMC = POLLUTANT MOBILITY CRITERIA



**DIAGRAMMATIC CROSS SECTION (A-A' & B-B')**

**CITY OF NEW BRITAIN**

**FORMER FAFNIR BEARING PROPERTY**

**37 BOOTH STREET**

**NEW BRITAIN, CONNECTICUT**

**REVISIONS**

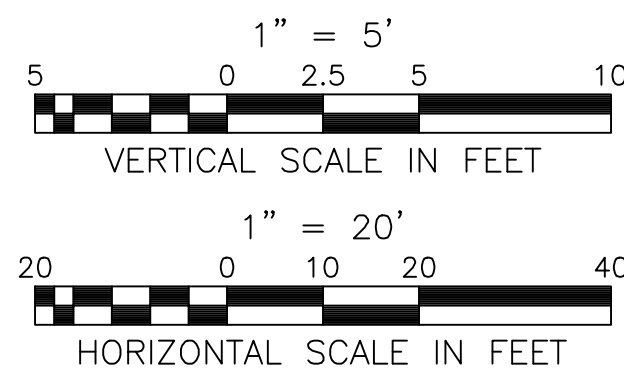
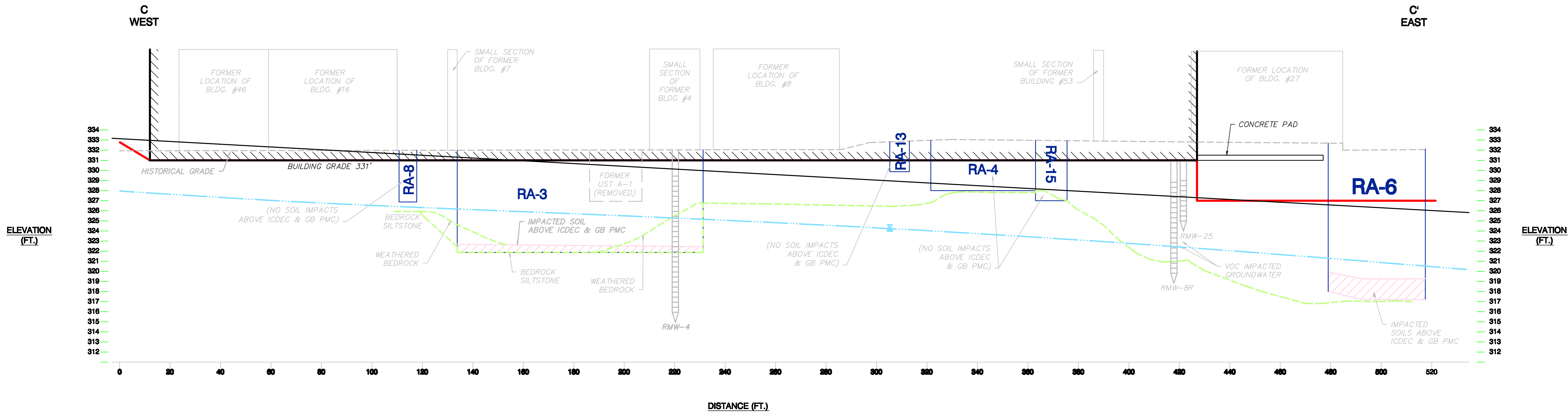
NO.	DATE	DESCRIPTION

**HRP Associates, Inc.**  
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www.hrpassociates.com

CLA DESIGNED	RHL APPROVED	AS NOTED
B.O.B. DRAWN	OCT. 2011 DATE	<b>FIG. 2</b>
CLA CHECKED	NEW4912.RA PROJECT NO.	

SHEET NO.





NOTES:  
-BUILDINGS & EXCAVATIONS START AT FORMER GRADE  
-DEPTHS TO GROUNDWATER & BEDROCK ARE APPROXIMATE  
-VERTICAL BUILDING DIMENSIONS ARE NOT TO SCALE  
-RA = REMEDIAL AREA  
-ICDEC = INDUSTRIAL/COMMERCIAL DIRECT EXPOSURE CRITERIA  
-GB = AQUIFER DESIGNATION  
-PMC = POLLUTANT MOBILITY CRITERIA

LEGEND	
	SITE BUILDING
	FORMER BUILDING
	IMPACTED AREA
	BEDROCK
	APPROXIMATE GROUNDWATER ELEVATION SEPTEMBER 2011
	EXISTING GRADE
	2007 FORMER GRADE
	HISTORICAL GRADE
	REMEDIAL EXCAVATIONS

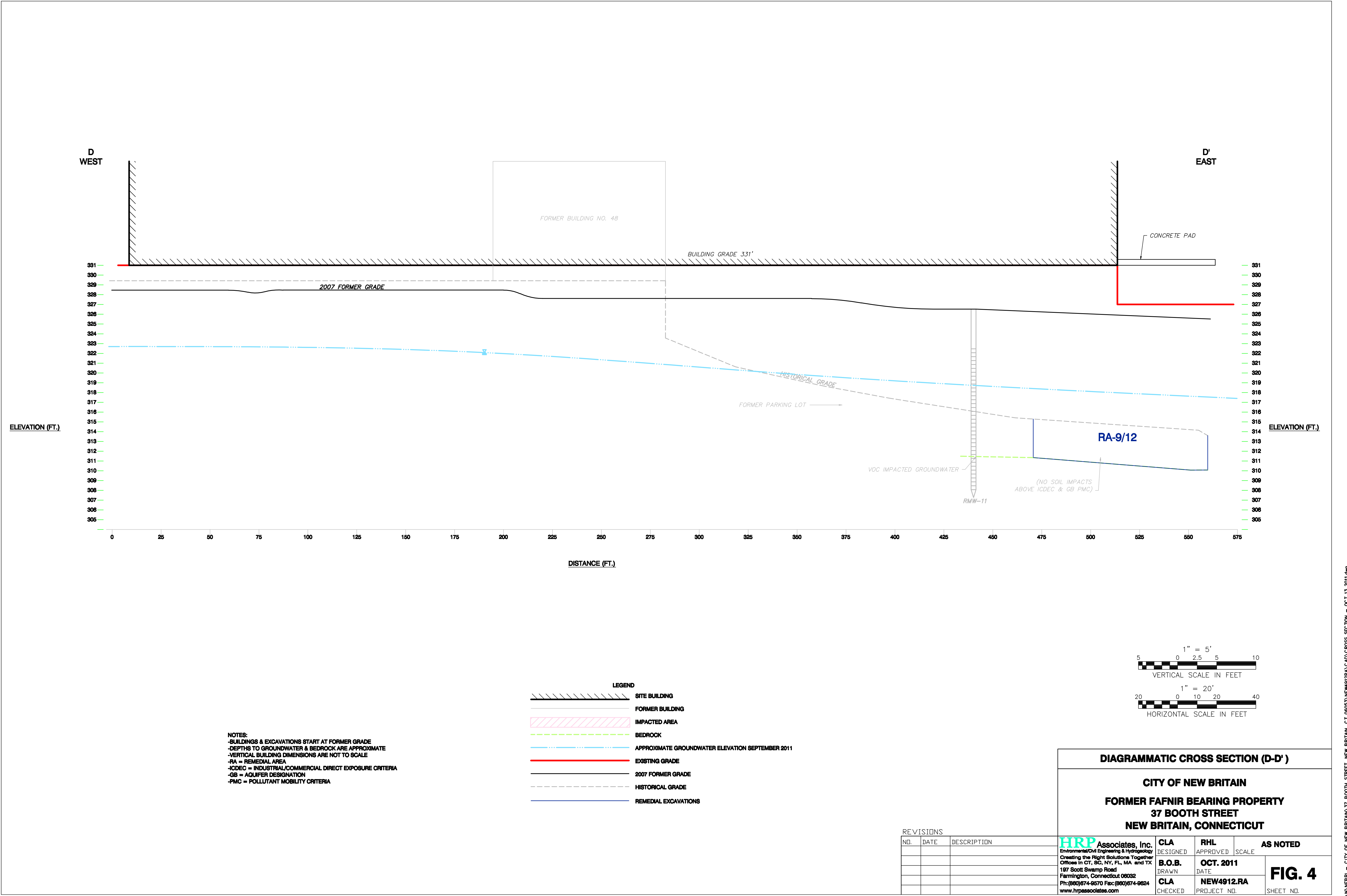
REVISIONS		
NO.	DATE	DESCRIPTION

**DIAGRAMMATIC CROSS SECTION (C-C')**

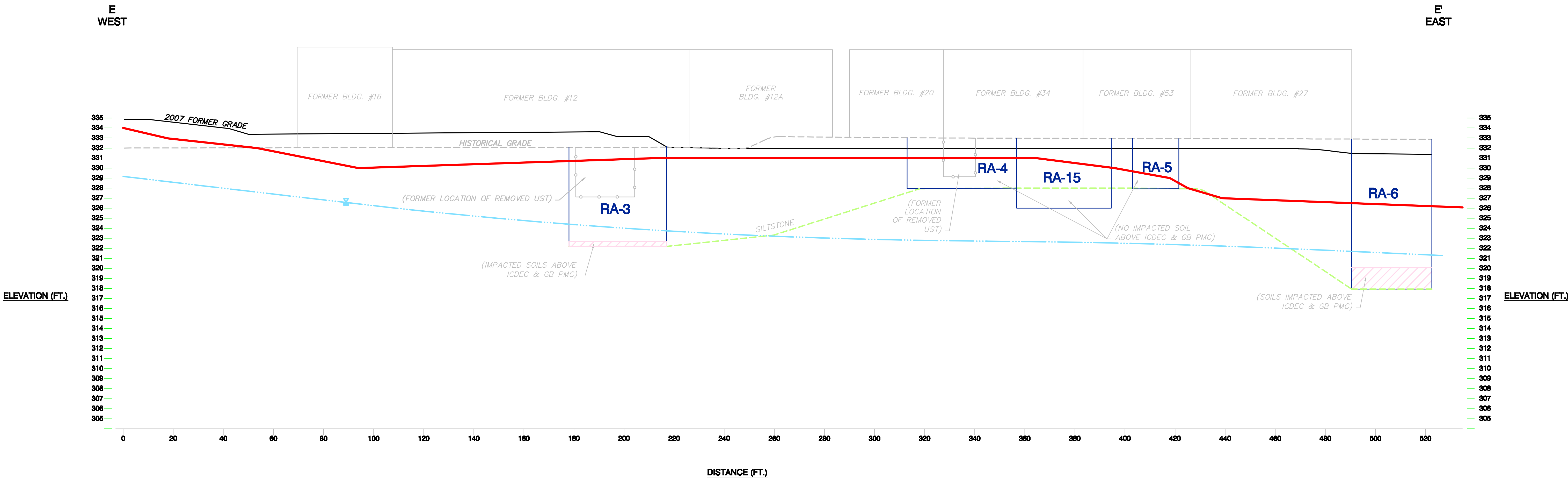
**CITY OF NEW BRITAIN**  
**FORMER FAFNIR BEARING PROPERTY**  
**37 BOOTH STREET**  
**NEW BRITAIN, CONNECTICUT**

<b>CLA</b> DESIGNED	<b>RHL</b> APPROVED	<b>AS NOTED</b> SCALE
<b>B.O.B.</b> DRAWN	<b>OCT. 2011</b> DATE	<b>FIG. 3</b> SHEET NO.
<b>CLA</b> CHECKED	<b>NEW4912.RA</b> PROJECT NO.	

**HRP** Associates, Inc.  
Environmental/Civil Engineering & Hydrogeology  
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197 Scott Swamp Road  
Farmington, Connecticut 06032  
Ph: (860) 674-9570 Fax: (860) 674-9624  
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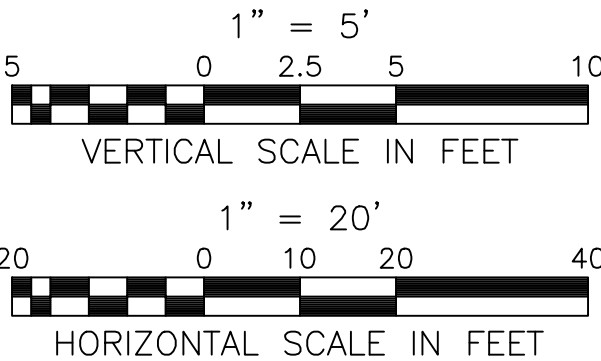




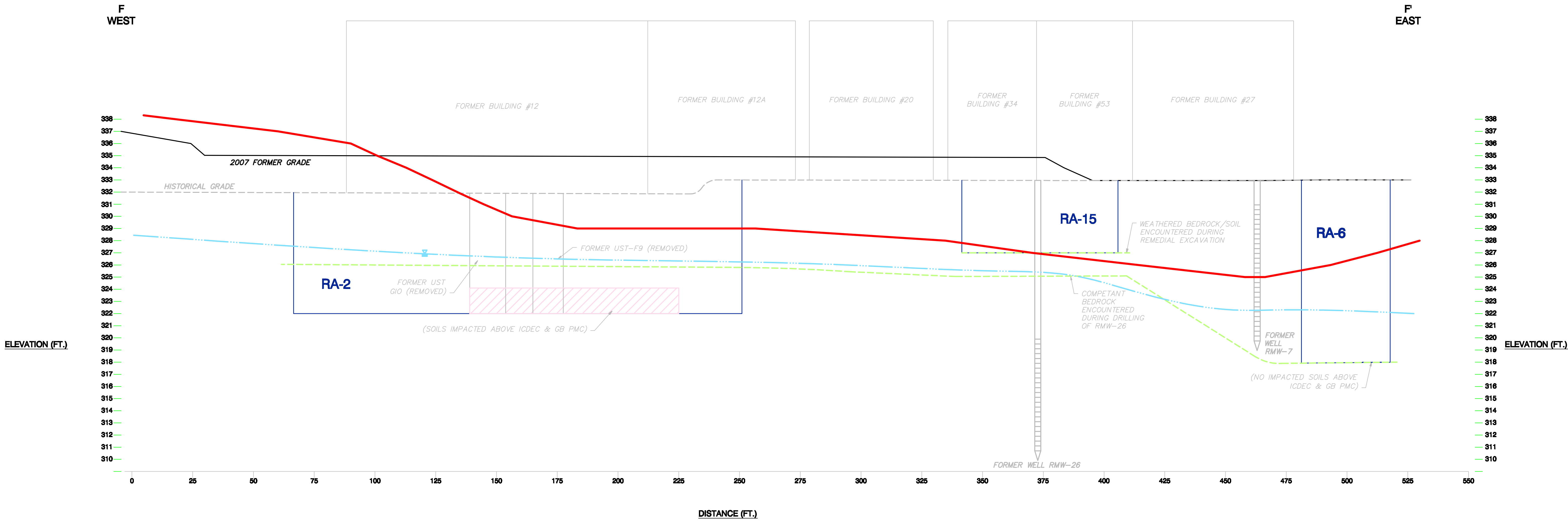


NOTES:  
-BUILDINGS & EXCAVATIONS START AT FORMER GRADE  
-DEPTHS TO GROUNDWATER & BEDROCK ARE APPROXIMATE  
-VERTICAL BUILDING DIMENSIONS ARE NOT TO SCALE  
-RA = REMEDIAL AREA  
-ICDEC = INDUSTRIAL/COMMERCIAL DIRECT EXPOSURE CRITERIA  
-GB = AQUIFER DESIGNATION  
-PMC = POLLUTANT MOBILITY CRITERIA

LEGEND	
	SITE BUILDING
	FORMER BUILDING
	IMPACTED AREA
	BEDROCK
	APPROXIMATE GROUNDWATER ELEVATION SEPTEMBER 2011
	EXISTING GRADE
	2007 FORMER GRADE
	HISTORICAL GRADE
	REMEDIAL EXCAVATIONS

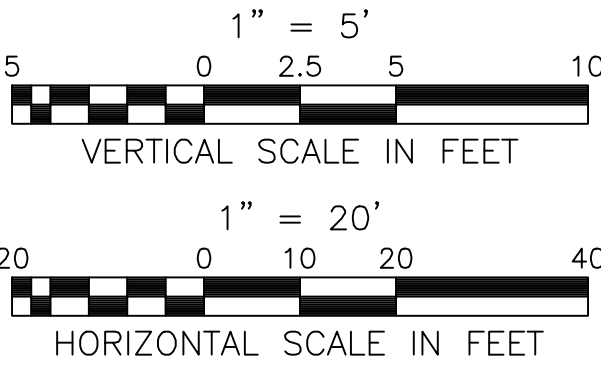


REVISIONS			DIAGRAMMATIC CROSS SECTION (E-E)			
NO.	DATE	DESCRIPTION	CITY OF NEW BRITAIN FORMER FAFNIR BEARING PROPERTY 37 BOOTH STREET NEW BRITAIN, CONNECTICUT			
			 Environmental/Civil Engineering & Hydrogeology Creating the Right Solutions Together Offices in CT, SC, NY, FL, MA and TX 197 Scott Swamp Road Farmington, Connecticut 06032 Ph: (860) 674-9570 Fax: (860) 674-9824 www.hrpassociates.com	CLA DESIGNED	RHL APPROVED	AS NOTED
				B.O.B. DRAWN	OCT. 2011 DATE	FIG. 5
				CLA CHECKED	NEW4912.RA PROJECT NO.	
						SHEET NO.



NOTES:  
-BUILDINGS & EXCAVATIONS START AT FORMER GRADE  
-DEPTHS TO GROUNDWATER & BEDROCK ARE APPROXIMATE  
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LEGEND	
	SITE BUILDING
	FORMER BUILDING
	IMPACTED AREA
	BEDROCK
	APPROXIMATE GROUNDWATER ELEVATION SEPTEMBER 2011
	EXISTING GRADE
	2007 FORMER GRADE
	HISTORICAL GRADE
	REMEDIAL EXCAVATIONS



REVISIONS		DIAGRAMMATIC CROSS SECTION (F-F)			
NO.	DATE	DESCRIPTION	CLA DESIGNED	RHL APPROVED	AS NOTED
			B.O.B. DRAWN	OCT. 2011 DATE	FIG. 6 SHEET NO.
			CLA CHECKED	NEW4912.RA PROJECT NO.	

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