

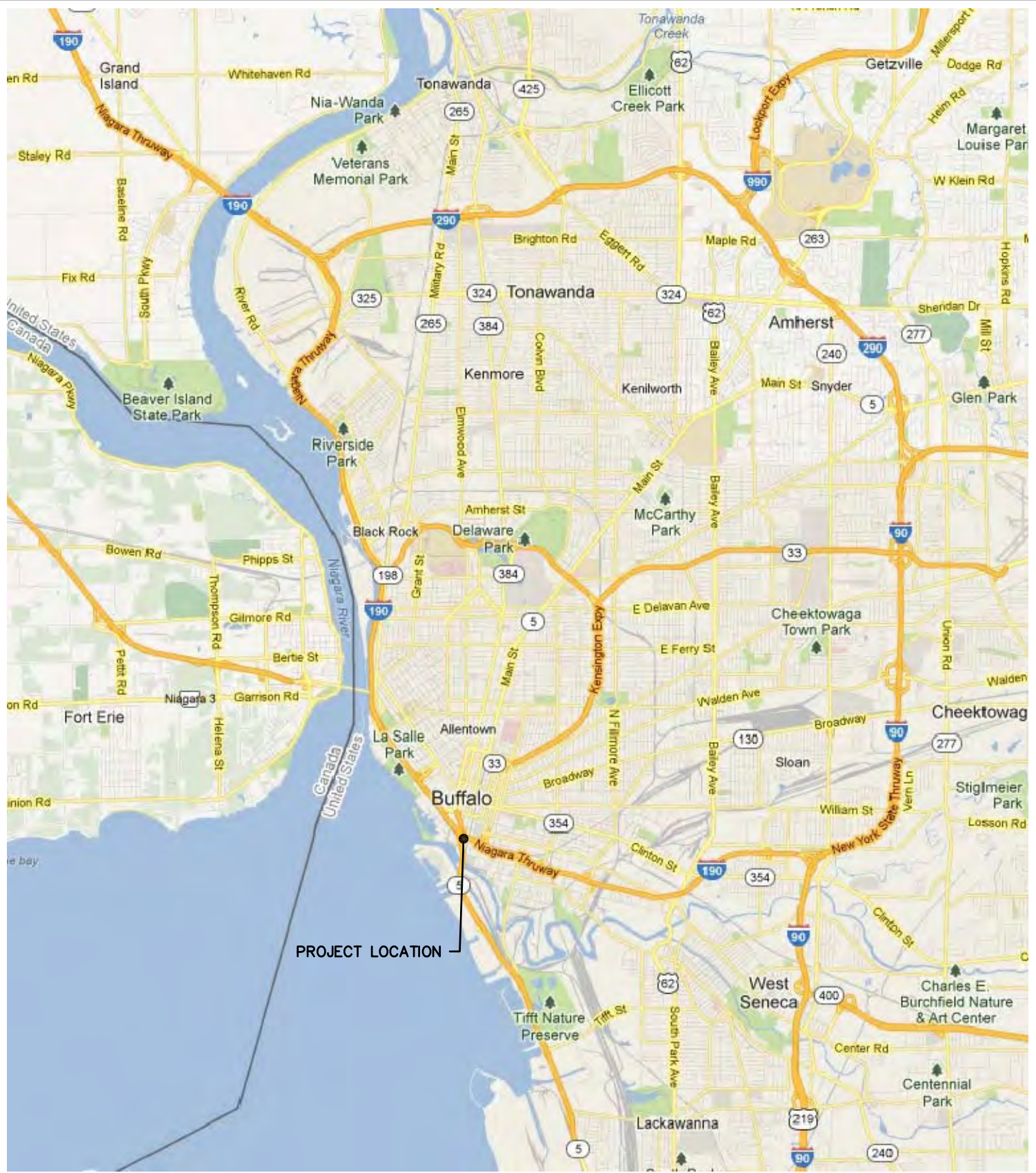
# ***Figures***

EnSol, Inc. *Environmental Solutions*

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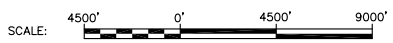
*professional engineering - business consulting*

X:\AAAP\Benderson Development\12-0069 125 Main St. Buffalo, NY\Task 3 - RH\RM-AAR Preparation\RH\RM-AAR Report\ACAD\12-0069-F01-Regional Location Map.dwg, 8.5x11-orientation, 7/16/2013 1:52:09 PM, J. Daffing



**NOTES:**

- 1. SOURCE: GOOGLE MAPS



**REGIONAL LOCATION MAP**

125 MAIN STREET SITE

HARBOR DISTRICT ASSOCIATES, LLC  
CITY OF BUFFALO, STATE OF NEW YORK

**EnSol, Inc.**  
Environmental Solutions

661 MAIN STREET  
NIAGARA FALLS, NY 14301  
PHONE (716) 285-3920  
FAX (716) 285-3928

**FIGURE**  
**1**

MAY 2013

PN: 12-0069-3

X:\AAApj\Benderson Development\12-0069 125 Main St. Buffalo, NY\Task 3 - RH\IR\W-AAR Preparation\RH\RM-AAR Report\ACAD\12-0069-F02-Vicinity Location Map.dwg, 8.5x11-portrait, 7/16/2013 1:53:56 PM, J. Darling



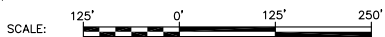
125 MAIN STREET SITE

NOTES:

- 1. SOURCE: U.S. FISH AND WILDLIFE SERVICES

LEGEND:

- PARCEL BOUNDARY
- BCP BOUNDARY



VICINITY LOCATION MAP

125 MAIN STREET SITE

HARBOR DISTRICT ASSOCIATES, LLC  
CITY OF BUFFALO, STATE OF NEW YORK

**EnSol, Inc.**  
Environmental Solutions

661 MAIN STREET  
NIAGARA FALLS, NY 14301  
PHONE (716) 285-3920  
FAX (716) 285-3928

**FIGURE**  
**2**

MAY 2013

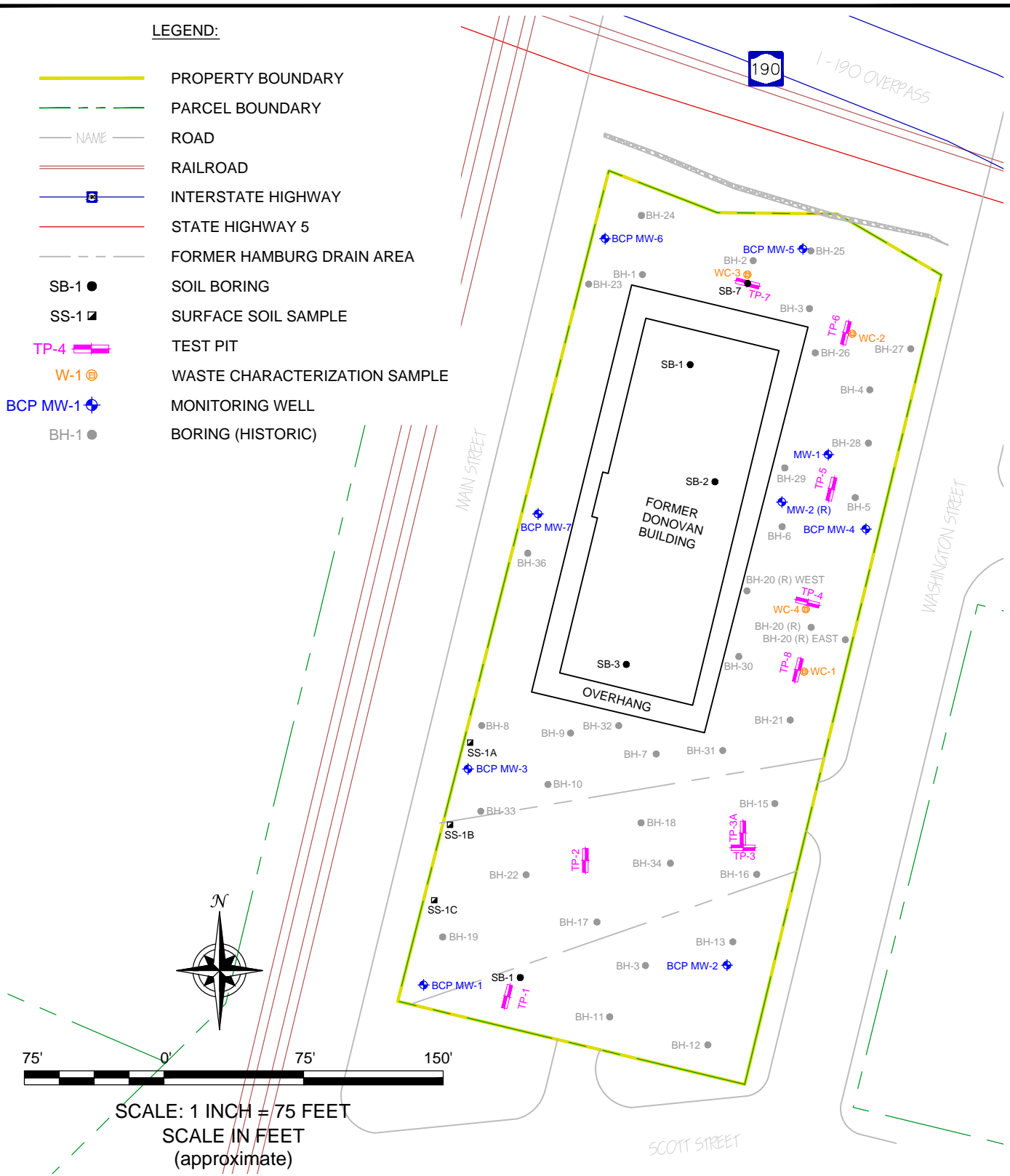
PN: 12-0069-3

**FIGURE 3**

F:\CAD\Benchmark\Benderson\Donovan Building\RI Report\Figures 2-X: BASE MAP.dwg

**LEGEND:**

- PROPERTY BOUNDARY
- - - PARCEL BOUNDARY
- NAME ROAD
- = = = RAILROAD
- 190 INTERSTATE HIGHWAY
- STATE HIGHWAY 5
- - - FORMER HAMBURG DRAIN AREA
- SB-1 SOIL BORING
- SS-1 SURFACE SOIL SAMPLE
- ▭ TP-4 TEST PIT
- ⊙ W-1 WASTE CHARACTERIZATION SAMPLE
- ⊕ BCP MW-1 MONITORING WELL
- BH-1 BORING (HISTORIC)



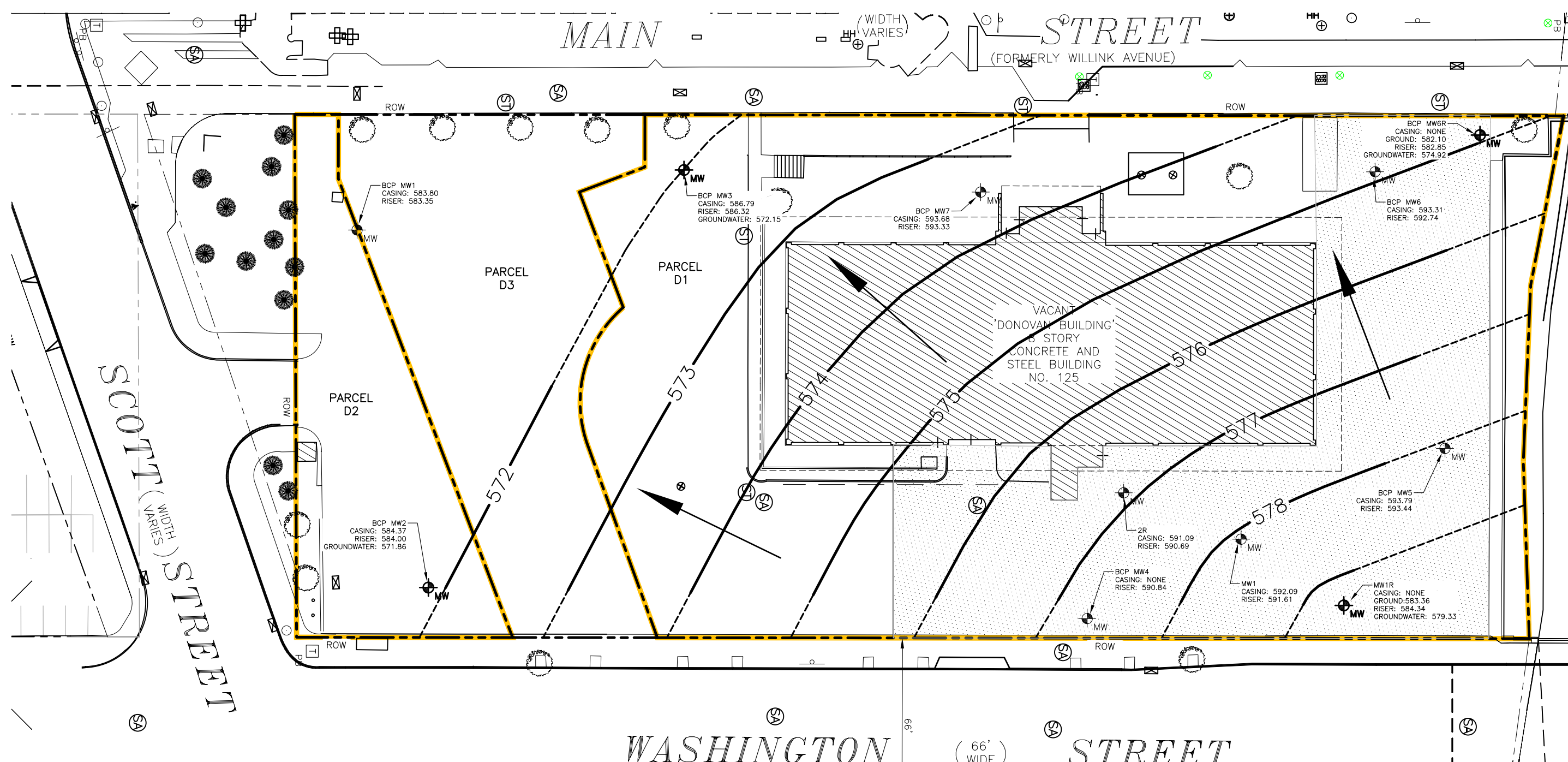
**BENCHMARK**  
 ENVIRONMENTAL  
 ENGINEERING &  
 SCIENCE, PLLC

2558 HAMBURG TURNPIKE  
 SUITE 300  
 BUFFALO, NY 14218  
 (716) 856-0599

PROJECT NO.: 0105-012-003
DATE: DECEMBER 2012
DRAFTED BY: JGT

**RI SAMPLE LOCATIONS**

RI/IRM/AA REPORT  
 125 MAIN STREET SITE  
 BUFFALO, NEW YORK  
 PREPARED FOR  
 HARBOR DISTRICT ASSOCIATES, LLC

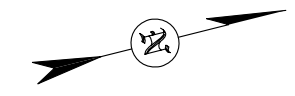


**LEGEND:**

- GROUNDWATER ISOPOTENTIAL CONTOUR LINE
- GROUNDWATER ISOPOTENTIAL CONTOUR LINE (INFERRED)
- MONITORING WELL (NO GW ELEVATION MEASURED)
- MONITORING WELL (WITH GW ELEVATION)
- FLOW DIRECTION ARROW
- APPROXIMATE PARCEL BOUNDARY
- BCP BOUNDARY
- IRM EXCAVATION AREA

**NOTES:**

1. BASE MAP PROVIDED BY FOIT ALBERT ASSOCIATES.
2. MONITORING WELL LOCATIONS BASED ON JUNE 2012 BOUNDARY AND PARTIAL TOPOGRAPHIC SURVEY BY TVGA CONSULTANTS, EXCEPT FOR MW1R AND BCP MW6R WHICH WERE LOCATED ON MAY 16, 2013 BY ENSOL, INC.
3. THE ISOPOTENTIAL MAP INCLUDES MAY 2013 GROUNDWATER ELEVATION DATA FROM MONITORING WELLS MW-1R, BCP MW-2, BCP MW-3, AND BCP MW-6R ONLY. GROUNDWATER ELEVATION DATA FROM ALL OTHER WELLS IS NOT AVAILABLE.
4. PROPERTY BOUNDARY LINES SHOWN HEREON ARE APPROXIMATE AND FOR REFERENCE ONLY.
5. REPLACEMENT MONITORING WELLS ARE IDENTIFIED WITH THE "R" DESIGNATION. WELLS ORIGINALLY INSTALLED IN THE VICINITY OF THE REPLACEMENT WELLS WERE REMOVED DURING THE IRM.



X:\AAP\Benderson Development\12-0069 125 Main St. Buffalo, NY\Task 3 - R\IRM-AAR Preparation\IRM-AAR Report\ACAD\12-0069-F04-MON WELL AND GW ISO PLAN.dwg, D01, 7/16/2013 1:55:55 PM, J. Darling

REVISION	BY	DATE
REVISED PER NYSDEC COMMENTS DATED 6/3/13	DJP	6/12/13

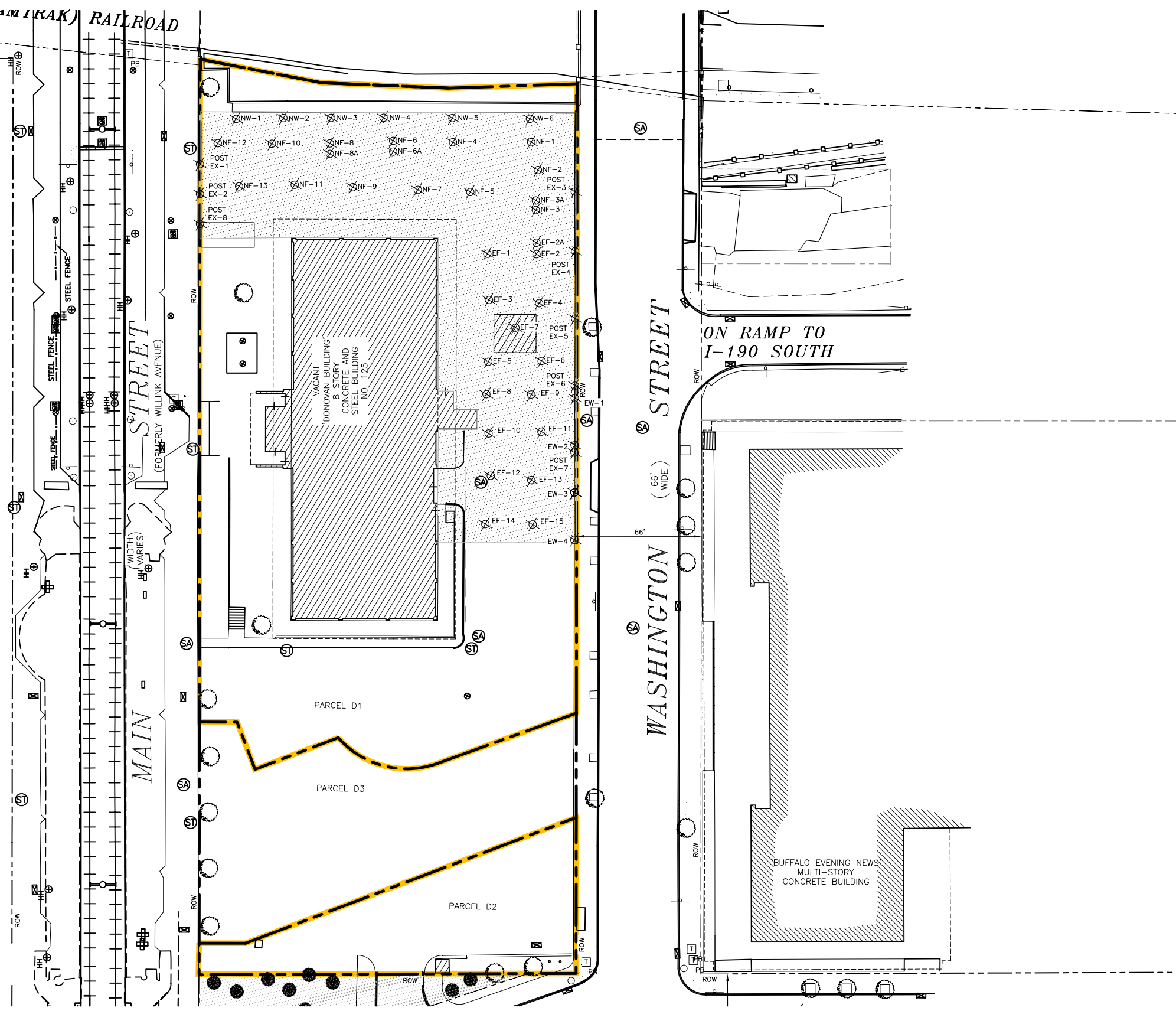
**EnSol, Inc.**  
**Environmental Solutions**  
 661 MAIN STREET  
 NIAGARA FALLS, NY 14301  
 PHONE (716) 285-3920 FAX (716) 285-3928










PROJECT NO:	12-0069-3
SCALE:	
DWG:	12-0069-F04-MON WELL AND GW ISO PLAN.dwg
DES. BY:	CAC
DRW. BY:	AMW
CHK. BY:	DJP
DATE:	MAY 2013

TITLE:	GROUNDWATER MONITORING WELL LOCATIONS AND ISOPOTENTIAL MAP		
PROJECT:	125 MAIN STREET SITE BUFFALO, NEW YORK		
PREPARED FOR:	HARBOR DISTRICT ASSOCIATES, LLC		
CITY OF BUFFALO	COUNTY OF ERIE	STATE OF NEW YORK	

**FIGURE**  
4

X:\AAAp\Benderson Development\12-0069 125 Main St. Buffalo, NY\Task 3 - R\IRM-AAR Preparation\12-0069-F05-Post Ex Sample Location Map.dwg, D01, 7/16/2013 1:57:21 PM, J. Darling




- LEGEND:**
-  POST EXCAVATION SAMPLE POINT NORTH WALL
  -  POST EXCAVATION SAMPLE POINT NORTH FLOOR
  -  POST EXCAVATION SAMPLE POINT EAST FLOOR
  -  POST EXCAVATION SAMPLE POINT EAST WALL
  -  POST EXCAVATION SAMPLE POINT BEHIND STEEL SHEETING (TURNKEY 2012)
  -  FORMER 30,000 GALLON FUEL OIL UST
  -  INTERIM REMEDIAL MEASURES (IRM) AREA - MASS WASTE EXCAVATION
  -  APPROXIMATE PARCEL BOUNDARY
  -  BCP BOUNDARY

- NOTES:**
1. BASE MAP PROVIDED BY FOITALBERT ASSOCIATES
  2. MAP BASED ON APPROXIMATE SAMPLE POINT LOCATIONS
  3. "A" SAMPLES WERE COLLECTED ONCE OVEREXCAVATION OF THE FLOOR (APPROXIMATELY 6"-8") WAS COMPLETED.

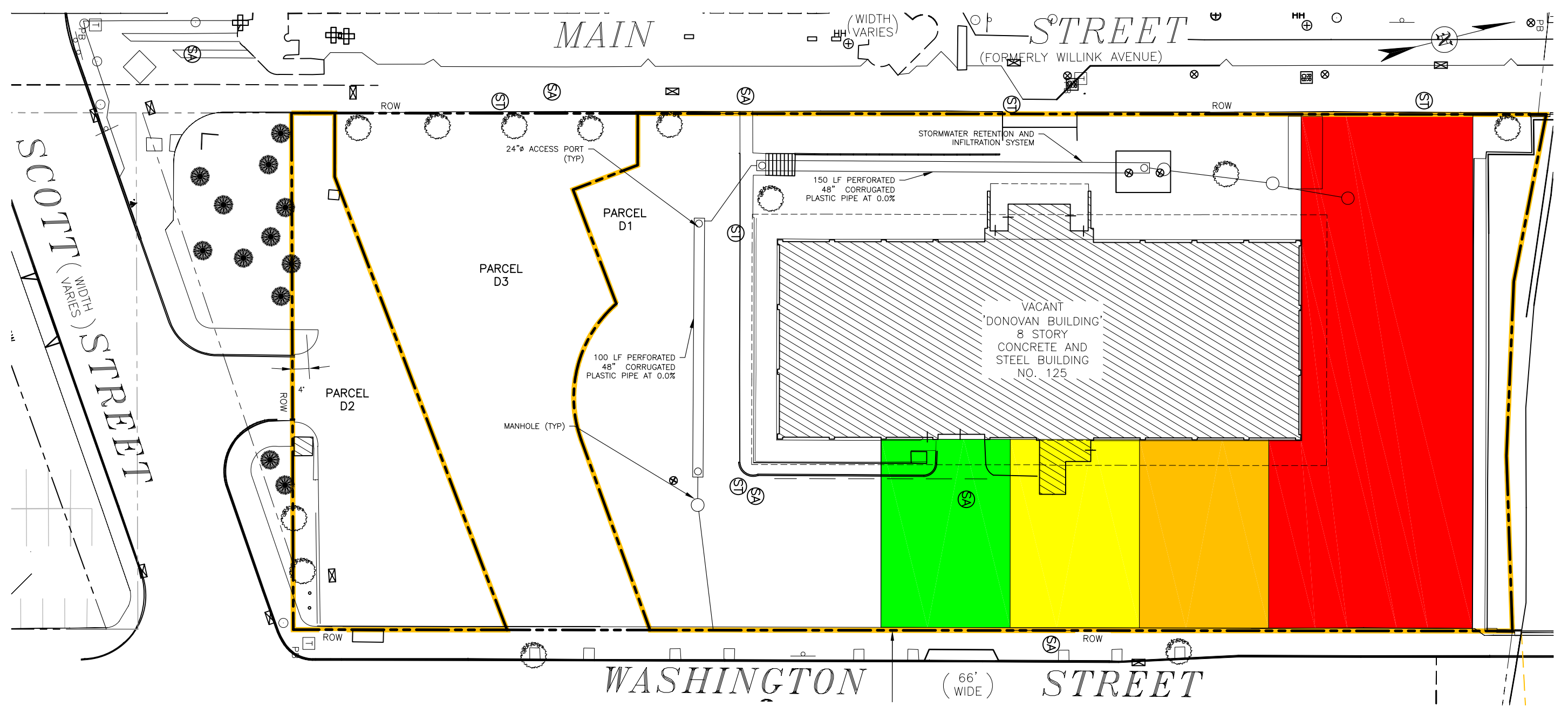
REVISION	BY	DATE
REVISD PER NYSDEC COMMENTS DATED 6/3/13	DJP	6/12/13

**EnSol, Inc.**  
**Environmental Solutions**

661 MAIN STREET  
 NIAGARA FALLS, NY 14301  
 PHONE (716) 285-3920 FAX (716) 285-3928

PROJECT NO:	12-0069-3
SCALE:	
DWG:	12-0069-F05-Post Ex Sample Location Map.dwg
DES. BY:	CAC
DRW. BY:	CAC
CHK. BY:	DJP
DATE:	MAY 2013

<b>TITLE:</b> IRM EXCAVATION LIMITS & POST-EXCAVATION CONFIRMATORY SAMPLE LOCATIONS	
2012-2013 INTERIM REMEDIAL MEASURES	
<b>PROJECT:</b>	125 MAIN STREET SITE BUFFALO, NEW YORK
<b>PREPARED FOR:</b>	HARBOR DISTRICT ASSOCIATES, LLC
CITY OF BUFFALO	COUNTY OF ERIE
STATE OF NEW YORK	



**LEGEND:**

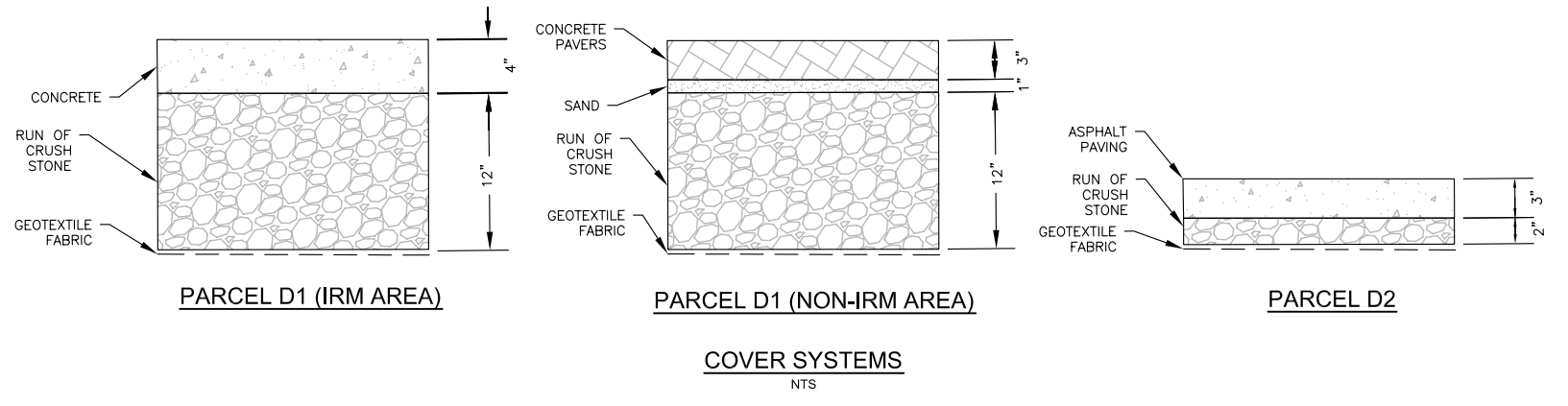
- APPROXIMATE PARCEL BOUNDARY
- BCP BOUNDARY

**NOTES:**

- BASE MAP PROVIDED BY FOIT ALBERT ASSOCIATES.
- PROPERTY BOUNDARY LINES SHOWN HEREON ARE APPROXIMATE AND FOR REFERENCE ONLY.

**APPROXIMATE IRM EXCAVATION DEPTH (BELOW GROUND SURFACE)**

- 0'-3' (Green)
- 3'-6' (Yellow)
- 6'-9' (Orange)
- 9'-12' (Red)



X:\AA\Benderson Development\12-0069\_125 Main St. Buffalo, NY\Task 3 - R\IRM-AAR Preparation\IRM-AAR Report\ACAD\12-0069-F06-IRM and Cover Systems details.dwg, D01, 7/16/2013 2:05:00 PM, J. Daifeng

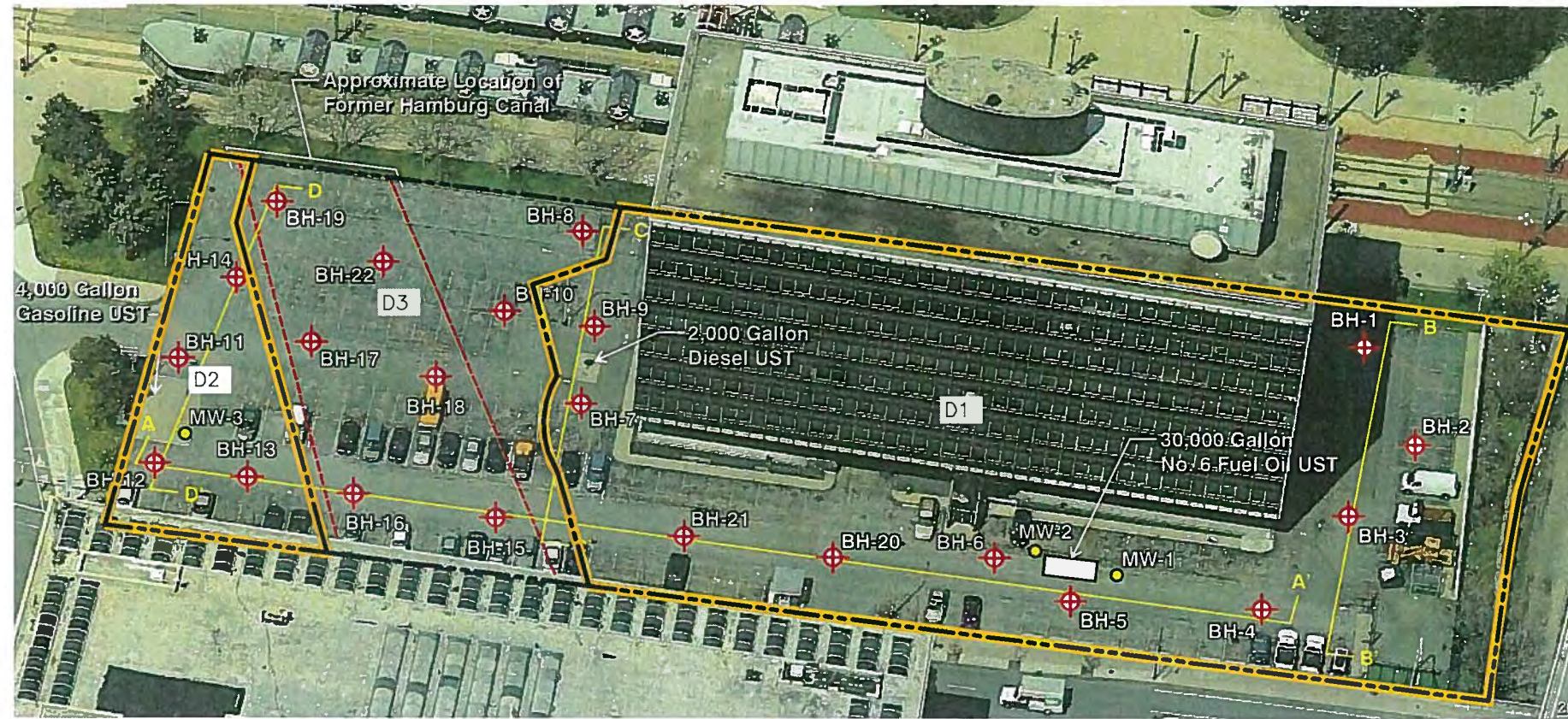
REVISION	BY	DATE	EnSol, Inc. Environmental Solutions			PROJECT NO:	TITLE:				
			661 MAIN STREET NIAGARA FALLS, NY 14301 PHONE (716) 285-3920 FAX (716) 285-3928			12-0069-3	IRM AND COVER SYSTEM DETAILS				
						PROJECT:	125 MAIN STREET SITE BUFFALO, NEW YORK				
ADDED STORM WATER INFILTRATION SYSTEM, INCREASE THICKNESS OF D1 STONE PER NYSDEC COMMENTS	DJP	7/11/13	DES. BY:	JCD	DRW. BY:	JCD	CHK. BY:	DJP	PREPARED FOR:	HARBOR DISTRICT ASSOCIATES, LLC	
			DATE:	JUNE 2013			CITY OF BUFFALO	COUNTY OF ERIE	STATE OF NEW YORK		

LEGEND:

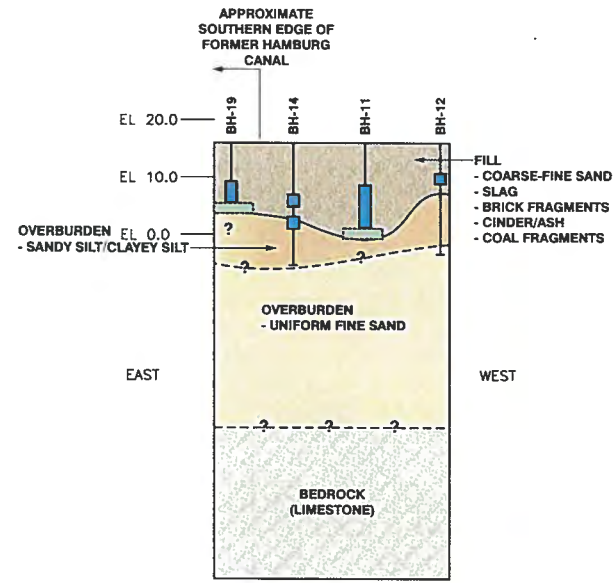
- EL 20.0 ELEVATION
- APPROXIMATE BASEMENT FLOOR ELEVATION
- - - APPROXIMATE IRM EXCAVATION
- - - APPROXIMATE PARCEL BOUNDARY
- BCP BOUNDARY
- D1 PARCEL IDENTIFICATION
- ENVIRONMENTAL SAMPLES COLLECTED
- AUGER REFUSAL (POSSIBLE FOUNDATION)

NOTES:

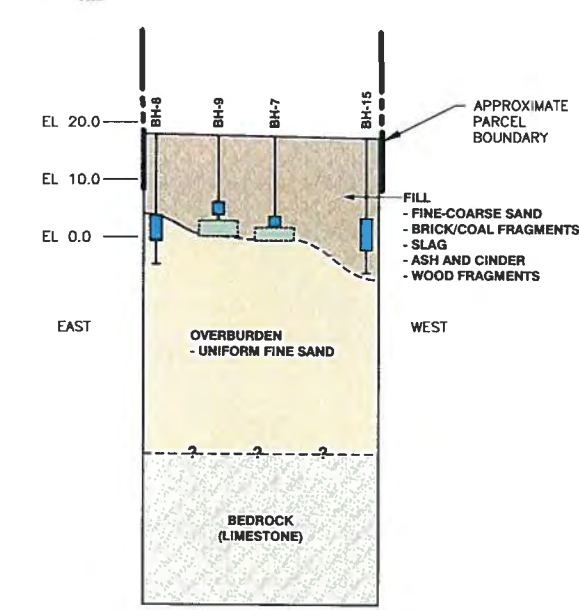
1. BASE MAP PROVIDED MICROSOFT VIRTUAL EARTH.
2. PARCELS BOUNDARY LINES SHOWN HEREON ARE APPROXIMATE AND FOR REFERENCE ONLY.
3. ORIGINAL FIGURES FROM URS PHASE II INVESTIGATION (NOVEMBER 2007).
4. BASEMENT FLOOR ELEVATION IS BASED OFF OF DRAWING 61 OF 101: PLOT AND GRADING (INCLUDING IMPROVEMENTS OF GROUNDS) AND FOUNDATION INVESTIGATION DATED APRIL 5, 1961 BY THE STATE OF NEW YORK, DEPARTMENT OF PUBLIC WORKS, DIVISION OF ARCHITECTURE.



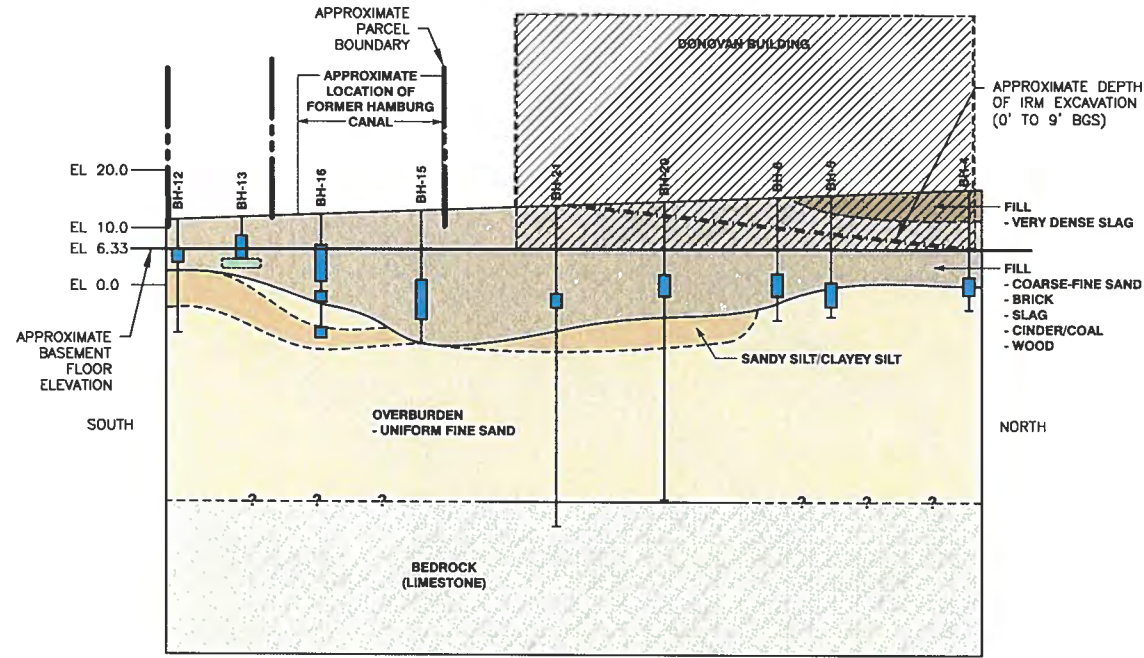
PROJECT MAP



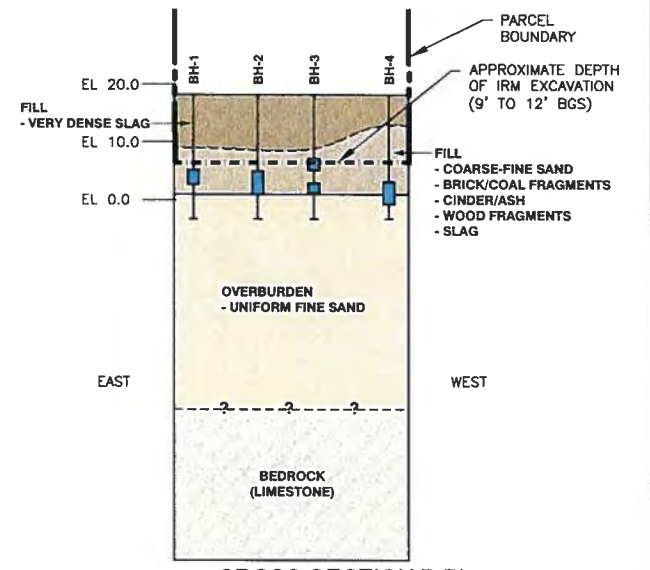
CROSS SECTION D-D'



CROSS SECTION C-C'



CROSS SECTION A-A'



CROSS SECTION B-B'



REVISION

BY .DATE

DJP 7/11/13

ADDED APPROXIMATE IRM EXCAVATION DEPTH AS PER NYSDEC COMMENTS

**EnSol, Inc.**  
Environmental Solutions

661 MAIN STREET  
NIAGARA FALLS, NY 14301  
PHONE (716) 285-3920 FAX (716) 285-3928

PROJECT NO: 12-0069-3

SCALE: AS SHOWN

DWG: 12-0069-F07-Soil Boring.dwg

DES. BY: JCD DRW. BY: JCD CHK. BY: DJP

DATE: JULY 2013

TITLE: SOIL BORING LOCATION PLAN AND CROSS SECTIONS DETAILS

PROJECT: 125 MAIN STREET SITE BUFFALO, NEW YORK

PREPARED FOR: HARBOR DISTRICT ASSOCIATES, LLC

CITY OF BUFFALO

COUNTY OF ERIE

STATE OF NEW YORK

FIGURE

7

X:\AA\B\Benderson Development\12-0069-125 Main St. Buffalo, NY\Task 3 - RI\RI\AAR Preparation\RI\IRM\AAR\_Report\KCAD12-0069-F07-Soil Boring.dwg, D01, 7/11/2013 2:31:14 PM, J. Dearing