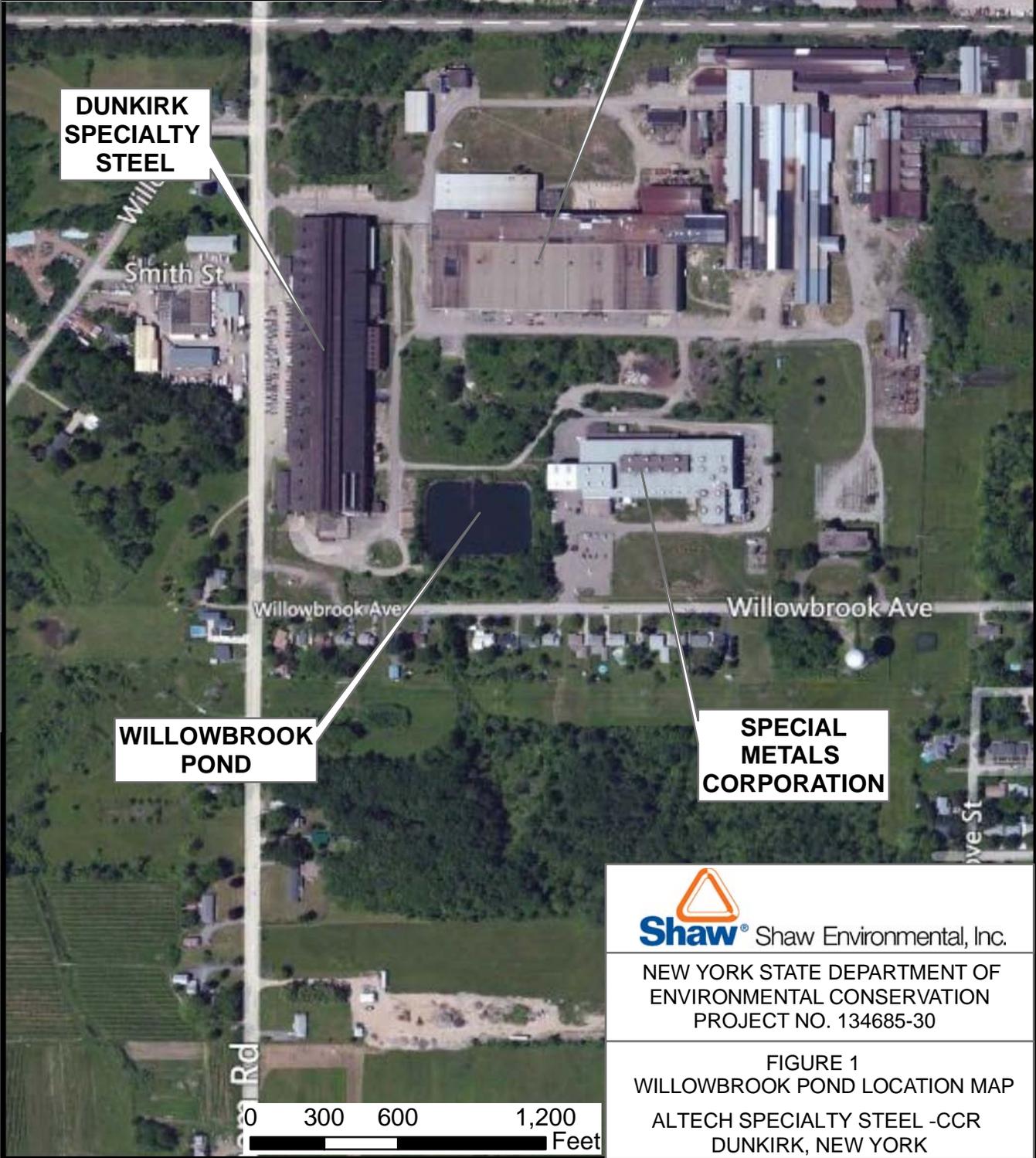


OFFICE	DATE	DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY	DRAWING NUMBER
LATHAM, NY	09/30/15	MJS	MJS	DG	MJS	134685-229A1

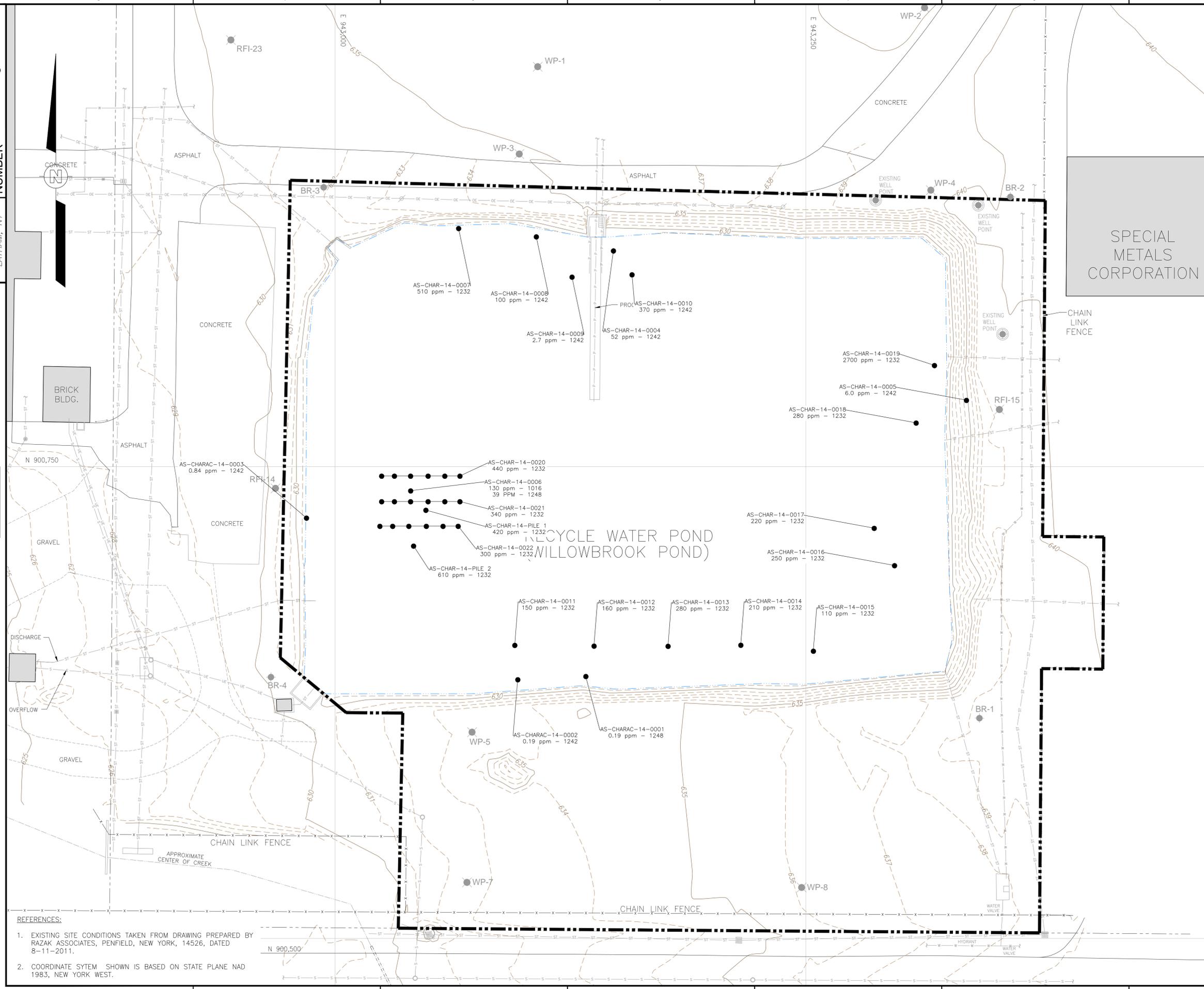


**Shaw** Shaw Environmental, Inc.  
 NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
 PROJECT NO. 134685-30

FIGURE 1  
 WILLOWBROOK POND LOCATION MAP  
 ALTECH SPECIALTY STEEL -CCR  
 DUNKIRK, NEW YORK



File: U:\Project\134685\Figure 5 - Waste Characterization and Sample Locations.dwg  
 Plot Date: 09/30/15 7:20pm  
 Plotted By: denicogone



**LEGEND:**  
 ● CONFIRMATORY SAMPLE LOCATION (mg/kg)

**NOTES:**  
 1. RESULTS SHOWN HAVE NOT BEEN VALIDATED.  
 2. EXCAVATION LIMITS ARE APPROXIMATE.



REV	DESCRIPTION / ISSUE	DATE	APPROVED

**Shaw** Shaw E & I Engineering of New York, P.C.

DESIGNED BY: M. SAUSVILLE  
 DRAWN BY: D. GARDNER  
 CHECKED BY: M. SAUSVILLE  
 APPROVED BY: M. SAUSVILLE

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
 WASTE CHARACTERIZATION & SAMPLE LOCATION  
 ALTECH SPECIALTY STEEL  
 CONTRACT NO. D008535  
 DUNKIRK, NEW YORK

DATE: 09/30/15  
 SCALE: AS SHOWN  
 DRAWING NO. 134685-Figure 5  
 SHEET NO. 1

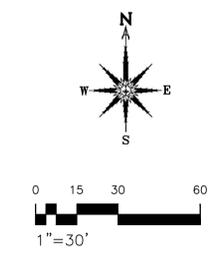
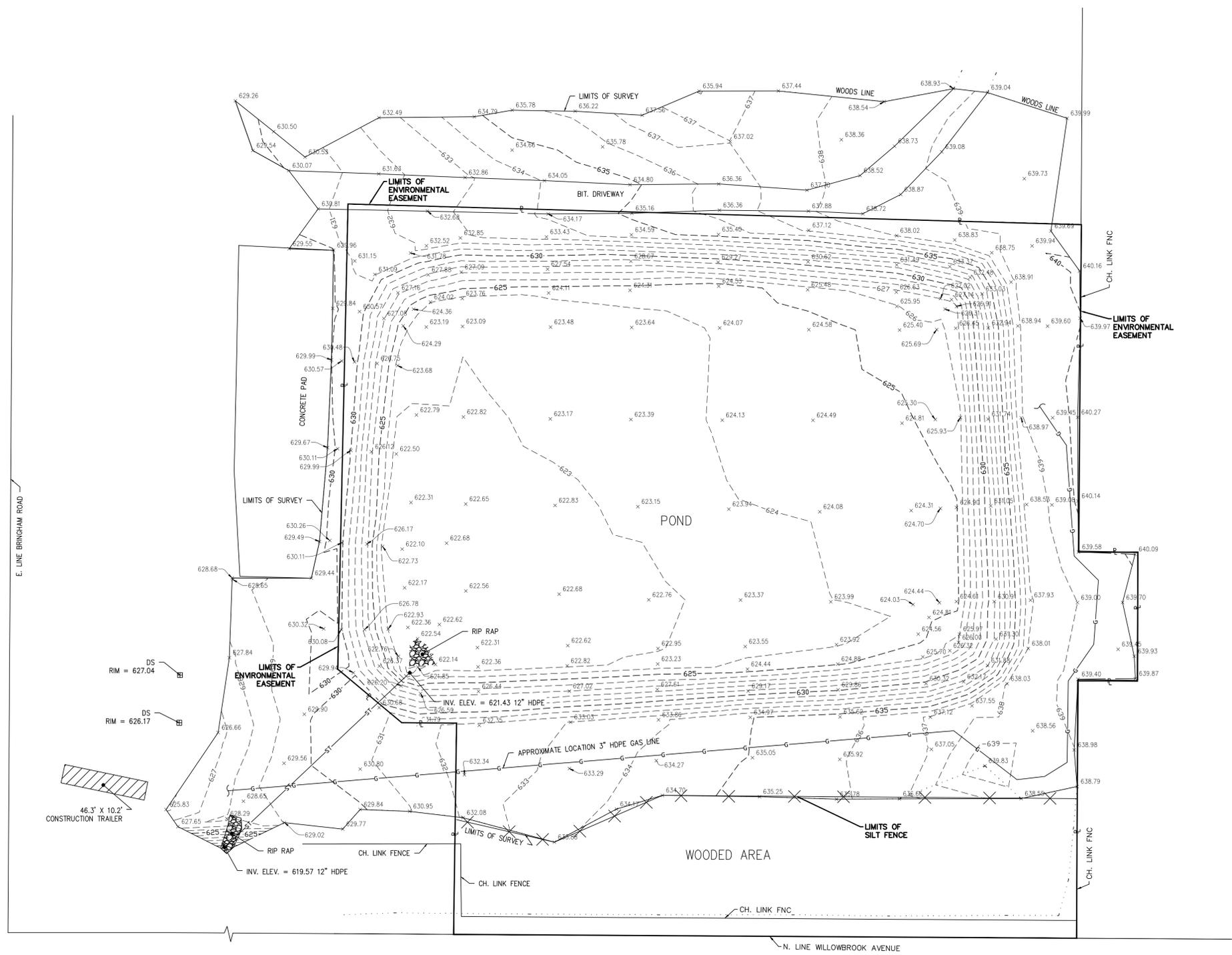
**REFERENCES:**  
 1. EXISTING SITE CONDITIONS TAKEN FROM DRAWING PREPARED BY RAZAK ASSOCIATES, PENFIELD, NEW YORK, 14526, DATED 8-11-2011.  
 2. COORDINATE SYTEM SHOWN IS BASED ON STATE PLANE NAD 1983, NEW YORK WEST.



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BRIGHAM ROAD (100.00')



**GENERAL NOTES:**  
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- VERTICAL DATUM IS SITE SPECIFIC.  
- FINAL CONDITIONS SHOWN ON THIS MAP ARE FROM INFORMATION GATHERED BY WENDEL ON JUNE 18, 2015.

**LEGEND:**

—	FENCE (TYPE NOTED)
—G—G—	GAS LINE
— 640 —	MAJOR CONTOUR LINE
— 636 —	MINOR CONTOUR LINE
—	LIMITS OF SURVEY
—	PROPERTY LINE/ LIMITS OF ENVIRONMENTAL EASEMENT
—ST—ST—	STORM LINE
.....	WOODS LINE

CH.=CHAIN	INV.=INVERT
BIT.=BITUMINOUS	HDPE=HIGH DENSITY POLYETHYLENE
DS=DRAINAGE STRUCTURE	
ELEV.=ELEVATION	x 635.05 GROUND ELEVATION
FNC=FENCE	

WILLOWBROOK AVENUE (50.0')

NO.	REVISIONS	DATE
BY		

DWG. TITLE

FIGURE 4  
FINAL SURVEY

DATE	9/30/2015
SCALE	1"=30'
DWN.	BSS CHK. RNJ
PROJ. No.	426906
SHT. No.	

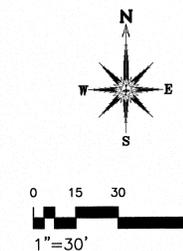
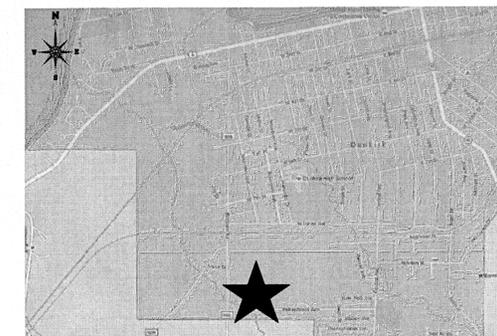
FIGURE 4



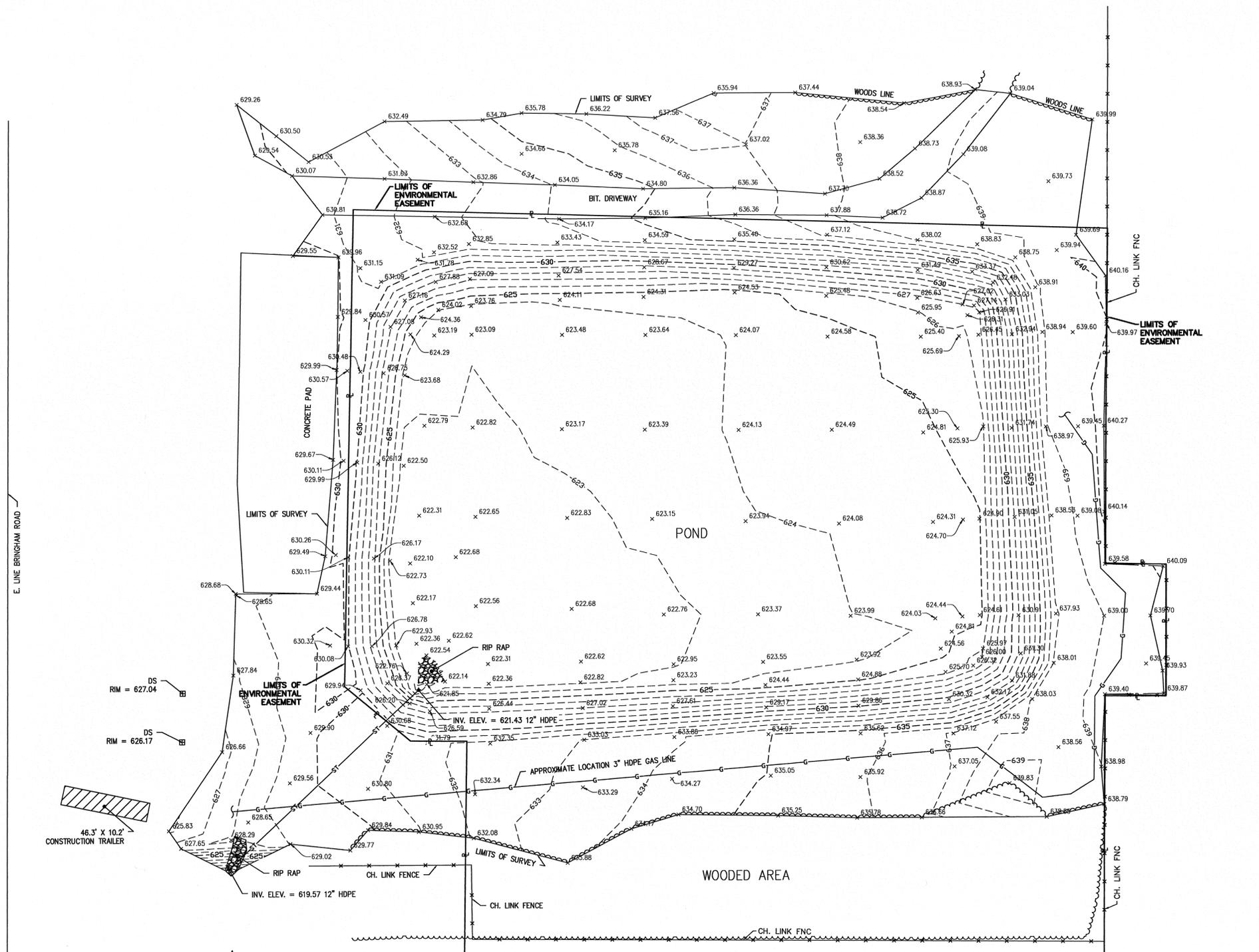
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BRIGHAM ROAD (100.00')



WILLOWBROOK AVENUE (50.0')

**GENERAL NOTES:**  
- HORIZONTAL DATUM IS REFERENCED TO THE NORTH AMERICAN DATUM OF 1983 (NAD83),  
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AS PER PLANS BY SHAW, DRAWING NUMBER 134685-22D8, DATED APRIL 19, 2013.  
- VERTICAL DATUM IS SITE SPECIFIC.  
- FINAL CONDITIONS SHOWN ON THIS MAP ARE FROM INFORMATION  
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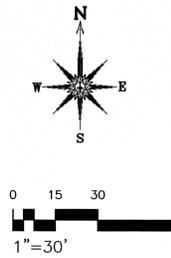
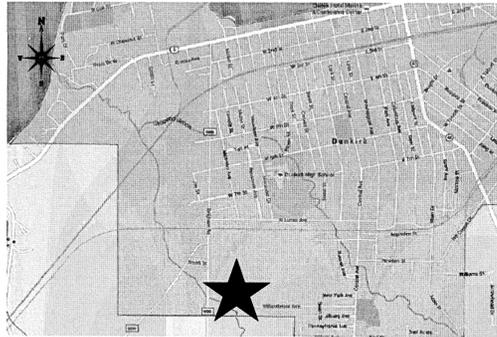
**LEGEND:**

—x—x—	FENCE (TYPE NOTED)
—G—G—	GAS LINE
—640—	MAJOR CONTOUR LINE
—636—	MINOR CONTOUR LINE
—	LIMITS OF SURVEY
—e—	PROPERTY LINE/ LIMITS OF ENVIRONMENTAL EASEMENT
—ST—ST—	STORM LINE
—w—w—	WOODS LINE
CH.=CHAIN	INV.=INVERT
BIT.=BITUMINIOUS	HDPE=HIGH DENSITY POLYETHYLENE
DS=DRAINAGE STRUCTURE	
ELEV.=ELEVATION	x 635.05 GROUND ELEVATION
FNC=FENCE	

NO.	REVISIONS	DATE

FINAL CONDITIONS MAP

DATE	6/23/2015
SCALE	1"=30'
DWN.	BSS CHK. RNJ
PROJ. No.	426906
SHT. No.	



PREPARED FOR  
HORIZON ENVIRONMENTAL

590A GALLERY ROAD  
CRANBERRY TOWNSHIP, PA  
16066

DEPARTMENT OF  
ENVIRONMENTAL CONSERVATION  
DIVISION OF ENVIRONMENTAL  
REMEDIAL  
ALTECH SPECIALTY STEEL OU2A  
WILLOWBROOK POND CLOSURE  
SITE NO: 907022  
CONTRACT NO: D008535  
CITY OF DUNKIRK, NY  
CHAUTAQUA COUNTY  
NEW YORK

RECORD DRAWINGS



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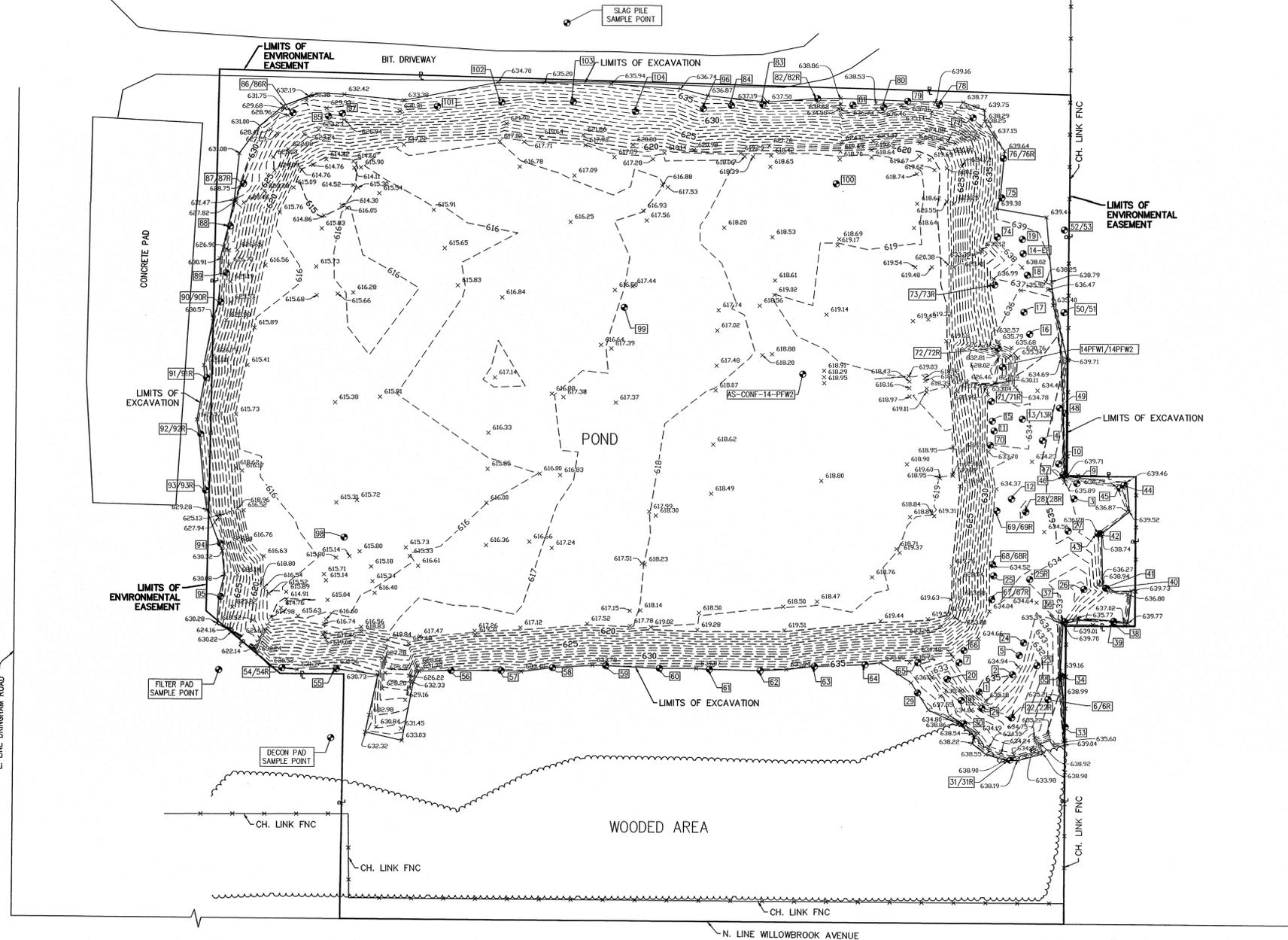
**GENERAL NOTES:**

- HORIZONTAL DATUM IS REFERENCED TO THE NORTH AMERICAN DATUM OF 1983 (NAD83), NEW YORK STATE PLANE COORDINATE SYSTEM, WESTERN ZONE, AS PER PLANS BY SHAW, DRAWING NUMBER 134685-2208, DATED APRIL 19, 2013.
- VERTICAL DATUM IS SITE SPECIFIC.
- BOTTOM OF EXCAVATION CONDITIONS SHOWN ON THIS MAP ARE FROM INFORMATION GATHERED BY WENDEL IN NOVEMBER 2014.

LEGEND:		
	FENCE (TYPE NOTED)	
	640 MAJOR CONTOUR LINE	
	636 MINOR CONTOUR LINE	
	PROPERTY LINE/ LIMITS OF ENVIRONMENTAL EASEMENT	
	LIMITS OF EXCAVATION	
BIT.=BITUMINOUS	N.=NORTH	
CH.=CHAIN	S.=SOUTH	
E.=EAST	W.=WEST	
ELEV.=ELEVATION	HDPE=HIGH DENSITY POLYETHYLENE	
FNC=FENCE	x 635.05 GROUND ELEVATION	
INV.=INVERT		COMPOSITE SOIL SAMPLE
		COMPOSITE SOIL RE-SAMPLE

BRIGHAM ROAD (100.00')

E. LINE BRIGHAM ROAD



WILLOWBROOK AVENUE (50.0')

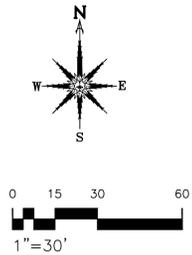
N. LINE WILLOWBROOK AVENUE

REVISIONS DATE

DWG. TITLE

BOTTOM OF EXCAVATION

DATE	6/23/2015
SCALE	1"=30'
DWN.	BSS chk. RNJ
PROJ. No.	426906
SHT. No.	



PREPARED FOR  
HORIZON ENVIRONMENTAL

590A GALLERY ROAD  
CRANBERRY TOWNSHIP, PA  
16066

DEPARTMENT OF  
ENVIRONMENTAL CONSERVATION  
DIVISION OF ENVIRONMENTAL  
REMEDIAL ACTION  
ALTECH SPECIALTY STEEL  
WILLOWBROOK POND CLOSURE  
SITE NO.: 907022  
CONTRACT NO.: D00853E  
CITY OF DUNKIRK, NY  
CHAUTAUQUA COUNTY  
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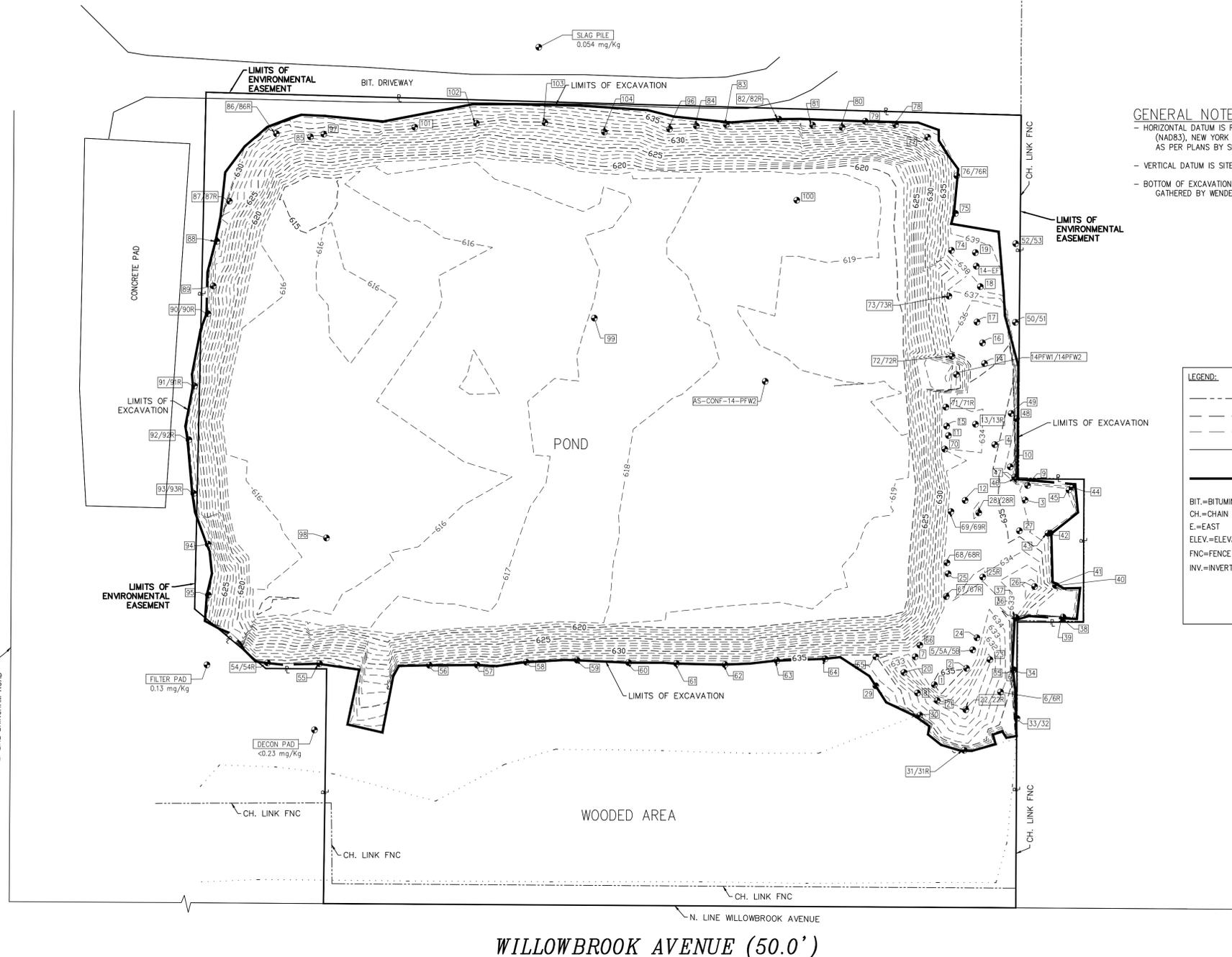
**GENERAL NOTES:**

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- VERTICAL DATUM IS SITE SPECIFIC.
- BOTTOM OF EXCAVATION CONDITIONS SHOWN ON THIS MAP ARE FROM INFORMATION GATHERED BY WENDEL IN NOVEMBER 2014.

Abbreviated ID	PCB Results (mg/Kg)	Abbreviated ID	PCB Results (mg/Kg)	Abbreviated ID	PCB Results (mg/Kg)
1	44	43	0.4	90	3.2
2	5.9	44	2	90R	0.29
3	1.16	45	0.54	91	1.1
4	47	46	4.1	91R	<0.19
5	890	47	1.3	92	4.4
5A	1300	48	6.1	92R	<0.19
5A	1100*	49	0.68	93	4.8
5B	1000	50	80	93R	<0.21
5B	270*	51	110	94	0.87
6	57	52	1.4	95	0.45
6R	59	53	1.5	96	0.08
6R	26*	54	3.9	97	0.094
7	6.8	54R	<-0.26	98	<-0.26
8	14.4	55	0.1	99	<-0.23
9	1.52	56	<-0.27	100	<-0.22
10	41	57	<-0.21	101	<-0.28
11	90	58	<-0.26	102	<-0.23
12	5.1	59	0.82	103	<-0.28
13	0.4	60	<-0.22	104	<-0.27
13R	0.42	61	<-0.26		
14	2.5	62	<-0.21		
14R	0.15	63	<-0.23		
14EF	1500	64	0.25		
14PF	0.18	65	0.51		
14PFW1	0.19	66	<-0.26		
14PFW2	0.24	67	3.2		
15	7	67R	<-0.19		
16	37	68	12		
17	3	68R	<-0.23		
18	0.64	69	2.8		
19	3.2	69R	<-0.21		
20	0.29	70	0.29		
21	0.53	71	5.2		
22	31	71R	<-0.19		
22R	0.76	72	1.5		
23	0.16	72R	<-0.24		
24	0.2	73	1.4		
25	1.6	73R	0.049		
25R	0.63	74	0.32		
26	0.91	75	0.21		
27	<-0.25	76	2.7		
28	3.2	76R	<-0.20		
28R	0.18	77	<-0.26		
29	0.22	78	<-0.22		
30	<-0.24	79	<-0.21		
31	2.9	80	<-0.26		
31R	<-0.22	81	<-0.26		
32	37	82	<-0.21		
33	1.2	82R	<-0.23		
34	60	83	0.079		
35	4.1	84	0.24		
36	270	85	0.1		
37	0.52	86	1.8		
38	4.4	86R	<-0.27		
39	37	87	2.8		
40	220	87R	<-0.20		
41	9.2	88	0.96		
42	1.1	89	0.34		

**NOTES:**

- 1) \* 5A, 5B, AND 6R INDICATES SAMPLES WERE ANALYZED BY ALS LABORATORIES.
- 2) REFERENCE APPENDICES AND TABLES FOR FULL ANALYTICAL SUMMARY AND DATA PACKAGES.
- 3) THE IDS SHOWN ARE ABBREVIATED, SEE THE APPENDICES AND TABLES FOR THE FULL NAME DESCRIPTION.
- 4) ONLY PCB RESULTS ARE PROVIDED FOR CONFIRMATION AND PRE/POST CHARACTERIZATION SAMPLES. SEE SUMMARY TABLES AND APPENDICES FOR FULL ANALYTICAL DATA RESULTS.



**LEGEND:**

- FENCE (TYPE NOTED)
- 640 MAJOR CONTOUR LINE
- 636 MINOR CONTOUR LINE
- PROPERTY LINE / LIMITS OF ENVIRONMENTAL EASEMENT
- LIMITS OF EXCAVATION

BIT.=BITUMINOUS  
CH.=CHAIN  
E.=EAST  
ELEV.=ELEVATION  
FNC=FENCE  
INV.=INVERT

N.=NORTH  
S.=SOUTH  
W.=WEST

HDPE=HIGH DENSITY POLYETHYLENE  
x 6.35, 0.05 GROUND ELEVATION

32 COMPOSITE SOIL SAMPLE  
32R COMPOSITE SOIL RE-SAMPLE

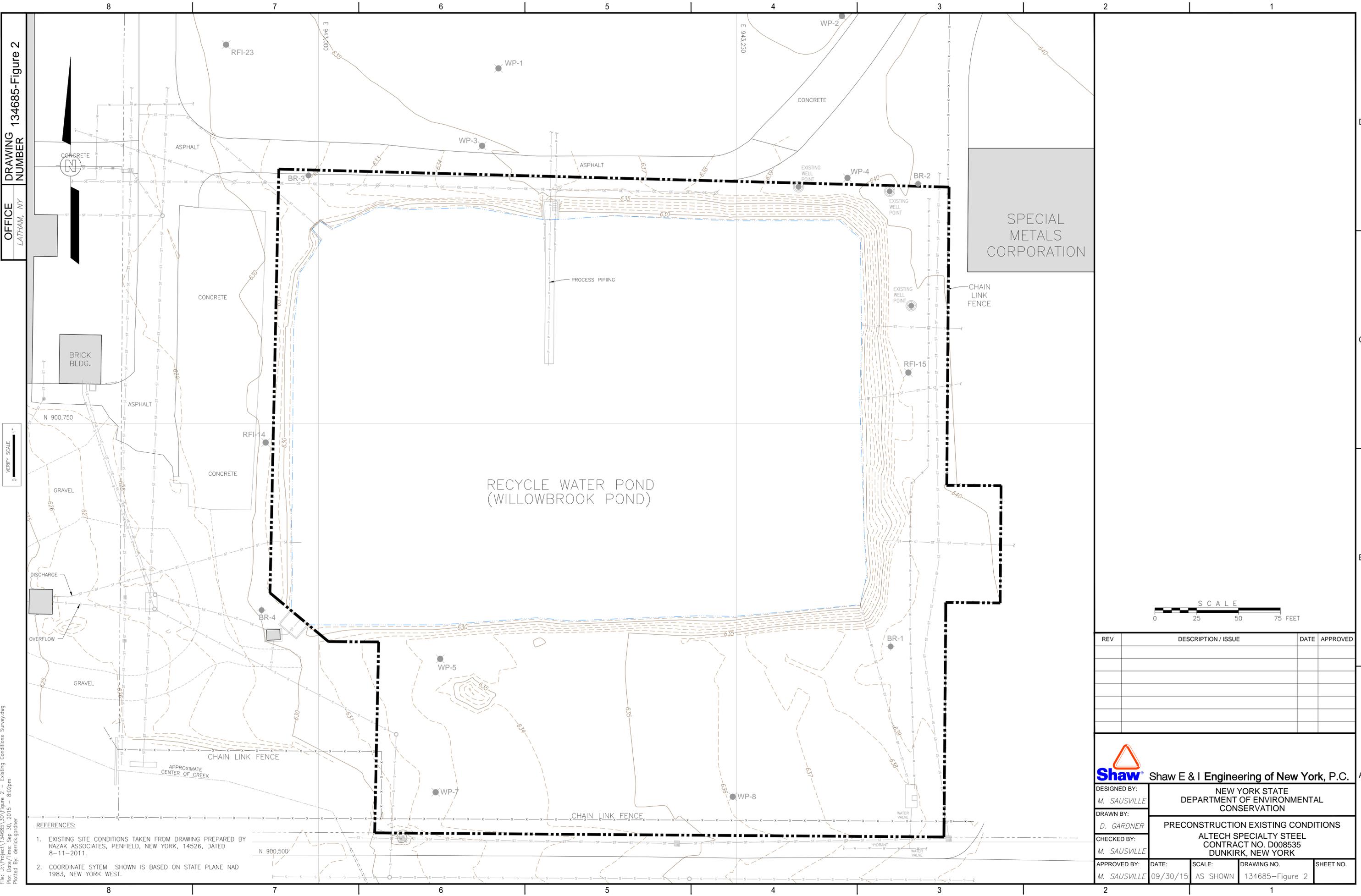
REVISIONS	DATE

DWG. TITLE

FIGURE 3  
POST EXCAVATION  
SURVEY LOCATIONS

DATE	9/30/2015
SCALE	1"=30'
DWN.	BSS
CHK.	RNJ
PROJ. No.	426906
SHT. No.	

FIGURE 3



OFFICE  
LATHAM, NY

DRAWING NUMBER  
134685-Figure 2

VERIFY SCALE  
1" = 25'

File: U:\Project\134685\Figure 2 - Existing Conditions Survey.dwg  
 Date: 09/30/15  
 Plotted By: Dennis Gerner

- REFERENCES:
- EXISTING SITE CONDITIONS TAKEN FROM DRAWING PREPARED BY RAZAK ASSOCIATES, PENFIELD, NEW YORK, 14526, DATED 8-11-2011.
  - COORDINATE SYTEM SHOWN IS BASED ON STATE PLANE NAD 1983, NEW YORK WEST.

SCALE  
0 25 50 75 FEET

REV	DESCRIPTION / ISSUE	DATE	APPROVED

**Shaw** Shaw E & I Engineering of New York, P.C.

DESIGNED BY: M. SAUSVILLE  
 DRAWN BY: D. GARDNER  
 CHECKED BY: M. SAUSVILLE  
 APPROVED BY: M. SAUSVILLE

NEW YORK STATE  
 DEPARTMENT OF ENVIRONMENTAL  
 CONSERVATION

PRECONSTRUCTION EXISTING CONDITIONS  
 ALTECH SPECIALTY STEEL  
 CONTRACT NO. D008535  
 DUNKIRK, NEW YORK

DATE: 09/30/15  
 SCALE: AS SHOWN  
 DRAWING NO. 134685-Figure 2  
 SHEET NO.