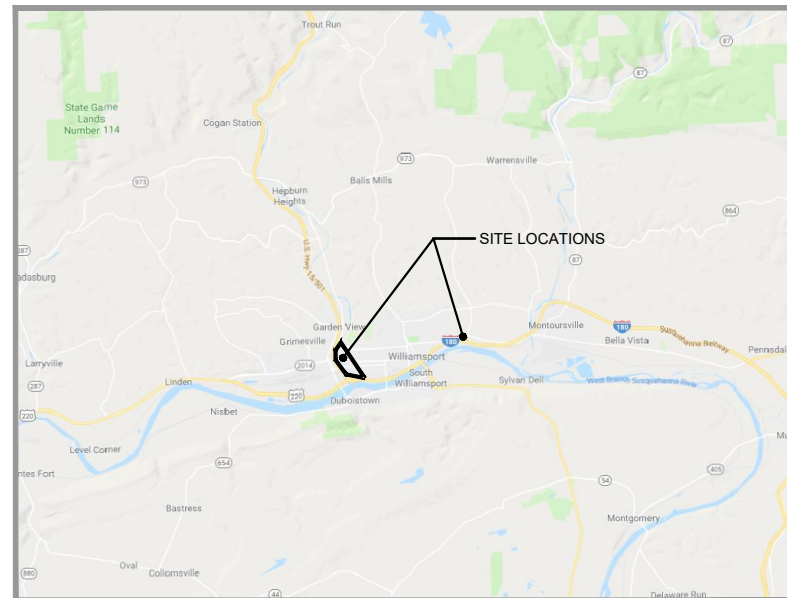


CITY OF WILLIAMSPORT RELIEF WELL REHABILITATION AND REPLACEMENT PROJECT WILLIAMSPORT, PENNSYLVANIA

OCTOBER 10, 2018



VICINITY MAP
NOT TO SCALE

wood.

Environment & Infrastructure Solutions, Inc.
3800 Ezell Road, Suite 100 Nashville, Tennessee 37211
Phone: 615-333-0630 Fax: 615-781-0655

DRAWING INDEX

NO.	TITLE
1	COVER SHEET
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MARK	DESCRIPTION	DATE	APPR.

DESIGNED BY: NCL	DATE: OCTOBER 10, 2018
DRAWN BY: LAF	PROJECT NO.:
CHECKED BY: MCK	7777/182018
SUBMITTED BY: Wood Environment & Infrastructure Solutions, Inc.	FILE NAME:
AS SHOWN	ANSID
PLOT SCALE:	WILLIAMSPORT.dwg

wood.
Environment & Infrastructure Solutions, Inc.
3800 Ezell Road, Suite 100
Nashville, Tennessee 37211
Phone: 615-333-0630

CITY OF WILLIAMSPORT



RELIEF WELL REHABILITATION
AND REPLACEMENT PROJECT

COVER SHEET

SHEET IDENTIFICATION
1
SHEET 1 OF 20

D

C

B

A

1

2

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4

5

TABLE 1 - EXISTING RELIEF WELL DIMENSIONS (REHABILITATION)

WELL NO.	LEVEE UNIT	NORTHING	EASTING	WELL DIAMETER (in)	RISER LENGTH (ft)	SCREEN LENGTH (ft)	TOTAL DEPTH FROM EXISTING GROUND SURFACE (ft)
RW-7	5C NW	387566.6668	2162613.8330	12	12	36.7	48.7
RW-9	5C NW	387615.5653	2162701.6685	12	8	36.7	44.7
RW-10	5C NW	387638.5944	2162745.1929	12	8	36.7	44.7
RW-16	5C NW	388089.4323	2162999.4957	12	10	36.7	46.7
RW-20	4C	390016.3940	2162764.0490	12	6.2	36.3	42.5
RW-21	4C	390061.6730	2162742.3210	12	6.2	36.3	42.5
RW-23	4C	390152.0490	2162698.8040	12	6.2	36.3	42.5
RW-24	4C	390197.0460	2162676.6730	12	6.2	36.3	42.5
RW-40	4B	391258.3610	2162611.4330	12	6.2	28.3	34.5
RW-41	4B	391257.0420	2162536.3160	12	6.2	28.3	34.5
RW-42	4B	391247.8600	2162462.5520	12	6.2	28.4	34.6
RW-43	4B	391238.4560	2162387.4990	12	6.2	26.4	34.6
RW-62	1	391880.8470	2162421.8530	12	8	28.0	36
RW-69	1	391873.5580	2162755.4270	12	8	8.3	16.3
RW-70	1	391858.3260	2162803.1450	12	8	5.2	13.2
RW-71	1	391843.6570	2162851.6120	12	8	4.5	12.5
RW-73	1	391788.0780	2162933.7050	12	8	3.2	11.2
RW-75	1	391726.3860	2163012.4860	12	8	11.8	19.8
RW-76	1	391692.4780	2163049.3230	12	8	18.3	26.3
RW-79	1	391580.3940	2163150.7210	12	8	28	36
RW-95	1	389622.8040	2163987.6000	12	12	34	46
RW-136	5C NE	391868.2320	2162247.3410	8	8.5	32	40.5
RW-137	5C NE	391871.3130	2162286.4570	8	9.5	32	41.5
RW-138	5C NE	391872.5290	2162322.2010	8	7	32	39

* EXISTING WELL SCREENS AND RISERS ARE CONSTRUCTED OF CORRUGATED METAL PIPE (CMP).

TABLE 2 - EXISTING RELIEF WELL DIMENSIONS (REPLACEMENT)

WELL NO.	LEVEE UNIT	NORTHING	EASTING	WELL DIAMETER (in)	RISER LENGTH (ft)	SCREEN LENGTH (ft)	TOTAL DEPTH FROM EXISTING GROUND SURFACE (ft)
RW-8	5C NW	387591.4663	2162656.6323	12	8	36.7	44.7
RW-39	4B	391236.8740	2162682.8420	12	6.2	28.3	34.5
RW-72	1	391818.9650	2162894.5470	12	8	3.5	11.5
RW-74	1	391757.5070	2162973.4700	12	8	6.7	14.7
RW-77	1	391658.6770	2163085.4420	12	8	26.8	34.8
RW-100	1	389354.2300	2164428.2520	12	12	34	46
RW-115	2B	394467.5009	2181278.3949	12	8	17.4	25.4
RW-116	2B	394481.1524	2181326.6883	12	8	22	30
RW-117	2B	394484.2527	2181376.4159	12	8	21.2	29.2
RW-118	2B	394485.5351	2181419.9192	12	15	18.2	33.2
RW-119	2B	394535.4141	2181421.0490	12	15	30.4	45.4
RW-120	2B	394585.1541	2181418.4250	12	8	29.5	37.5
RW-121	2B	394635.1013	2181417.1545	12	8	29.4	37.4
RW-122	2B	394685.3461	2181421.2979	12	8	30.9	38.9
RW-123	5CNE	392519.9000	2161543.0000	8	7.5	32	39.5
RW-133	5CNE	392172.8268	2161735.9319	8	9.0	32	41.0

* EXISTING WELL SCREENS AND RISERS ARE CONSTRUCTED OF CORRUGATED METAL PIPE (CMP).

TABLE 3 - REPLACEMENT WELL DIMENSIONS

WELL NO.	LEVEE UNIT	NORTHING	EASTING	WELL DIAMETER (in)	RISER LENGTH (ft)	SCREEN LENGTH (ft)	TOTAL DEPTH FROM EXISTING GROUND SURFACE (ft)	TOTAL BOREHOLE DEPTH FROM EXISTING GROUND SURFACE (ft)
RW-8R	5C NW	387594.1977	2162660.8203	12	8	36.7	44.7	46.7
RW-39R	4B	391240.1234	2162679.0418	12	6.2	28.3	34.5	36.5
RW-72R	1	391815.7156	2612898.3472	12	8	3.5	11.5	13.5
RW-74R	1	391754.2576	2162977.2702	12	8	6.7	14.7	16.7
RW-77R	1	391655.4276	2163089.2422	12	8	26.8	34.8	36.8
RW-100R	1	389352.3308	2164432.8772	12	12	34	46	48.0
RW-115R	2B	394467.5503	2181283.3947	12	8	17.4	25.4	27.4
RW-116R	2B	394481.2018	2181331.6881	12	8	22	30	32
RW-117R	2B	394484.2704	2181381.4159	12	8	21.2	29.2	31.2
RW-118R	2B	394490.5351	2181419.9067	12	15	18.2	33.2	35.2
RW-119R	2B	394540.4141	2181421.0365	12	15	30.4	45.4	47.4
RW-120R	2B	394590.1541	2181418.4125	12	8	29.5	37.5	39.5
RW-121R	2B	394640.1013	2181417.1420	12	8	29.4	37.4	39.4
RW-122R	2B	394690.3461	2181421.2854	12	8	30.9	38.9	40.9
RW-123R	5CNE	392515.1822	2161542.8728	8	7.5	32	39.5	41.5
RW-133R	5CNE	392168.8281	2161738.9336	8	9.0	32	41.0	43

MARK	DESCRIPTION	DATE	APPR.

DESIGNED BY: NCL	DATE: OCTOBER 10, 2018
DRAWN BY: LAF	PROJECT NO.: 7777/182018
CHECKED BY: MSK	FILE NAME: WILLIAMSPORT.dwg
SUBMITTED BY: Wood Environment & Infrastructure Solutions, Inc.	
PLOT SCALE: AS SHOWN	
ANSI	



CITY OF WILLIAMSPORT



RELIEF WELL REHABILITATION
AND REPLACEMENT PROJECT

TABLES

SHEET IDENTIFICATION
3
SHEET 3 OF 20



DATE:	OCTOBER 10, 2018
DESIGNED BY:	NCL
PROJECT NO.:	7777/182018
CHK BY:	MSK
FILE NAME:	WILLIAMSPORT.dwg
DATE:	
DESCRIPTION:	
MARK:	
APPR:	

wood.
 Environment & Infrastructure Solutions, Inc.
 3800 Ezel Road, Suite 100
 Harrisburg, PA 17111
 Phone: 610-323-3300

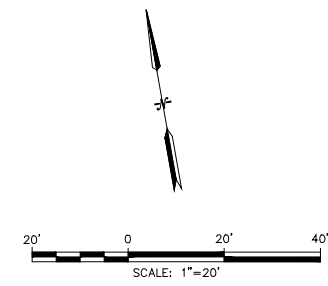
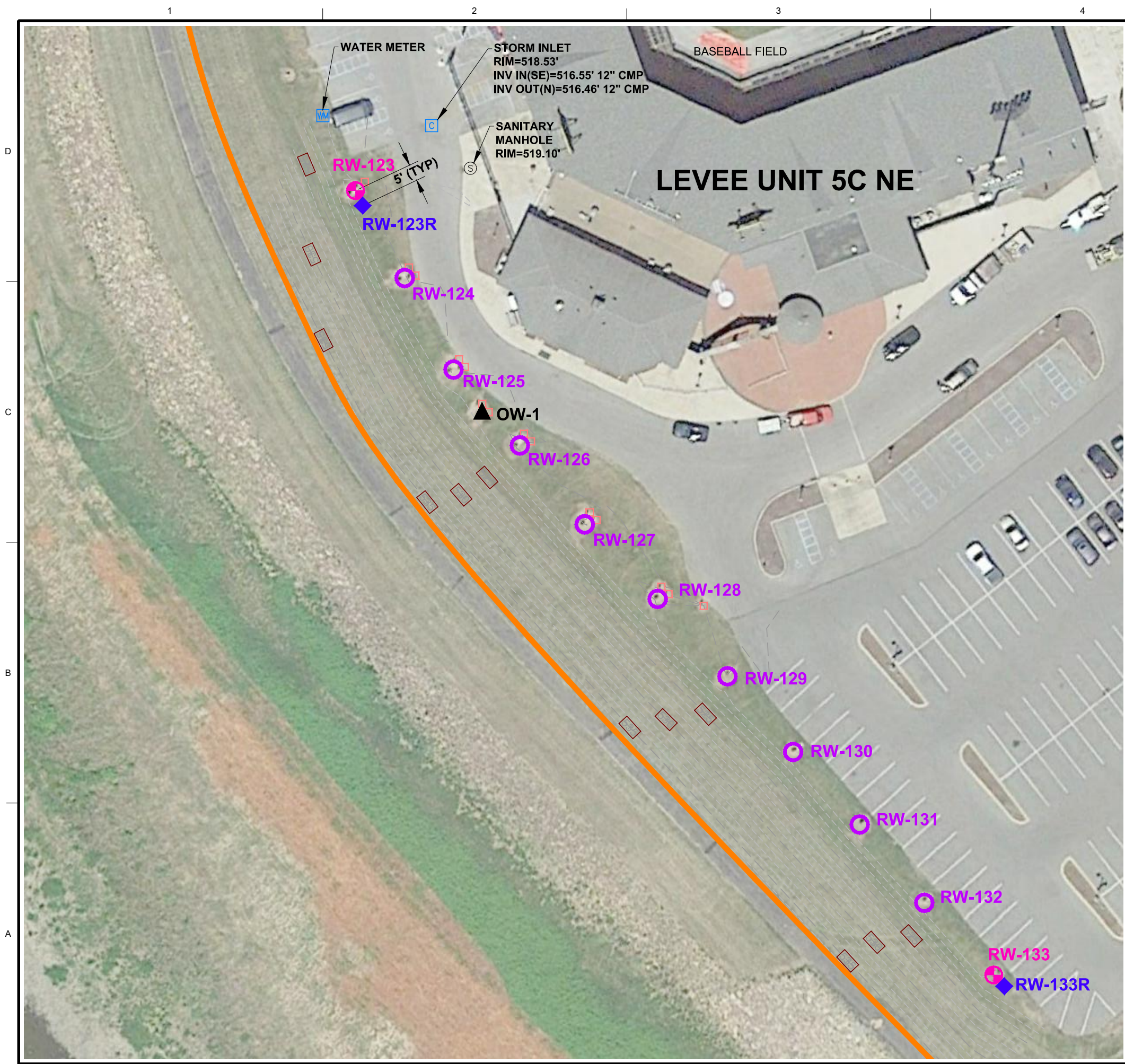
CITY OF WILLIAMSPORT

RELIEF WELL REHABILITATION AND REPLACEMENT PROJECT

OVERALL AERIAL AND SITE LOCATIONS

SHEET IDENTIFICATION
4

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- LEGEND:**
- WELL TO REMAIN UNCHANGED
 - WELL TO BE REPLACED
 - REPLACEMENT WELL
 - OBSERVATION WELL
 - APPROXIMATE LEVEE
 - INDEX CONTOUR
 - INTERMEDIATE CONTOUR
 - 6" X 6" WOODEN POST

NOTE:
 AERIAL IMAGE OBTAINED FROM
 GOOGLE EARTH PRO ON 7/26/2018.
 DATE OF IMAGE 6/2016.

MARK	DESCRIPTION	DATE	APPR.

DESIGNED BY: NCL	DATE: OCTOBER 10, 2018	PROJECT NO.:	FILE NAME:
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CHECKED BY: MCK	PROJECT NO.:	PROJECT NO.:	FILE NAME:
SUBMITTED BY: Wood Environment & Infrastructure Solutions, Inc.	PROJECT NO.:	PROJECT NO.:	FILE NAME:
DATE: 10/10/2018 2:37 PM	PROJECT NO.:	PROJECT NO.:	FILE NAME:
DATE: 10/10/2018 2:37 PM	PROJECT NO.:	PROJECT NO.:	FILE NAME:

wood.
 Environment & Infrastructure Solutions, Inc.
 3800 Ezel Road, Suite 100
 Harrisburg, PA 17111
 Phone: 610-333-9630

CITY OF WILLIAMSPORT



RELIEF WELL REHABILITATION
 AND REPLACEMENT PROJECT
 AERIAL VIEW AND SITE PLAN -
 WELLS 123 TO 133

SHEET IDENTIFICATION
5
 SHEET 5 OF 20

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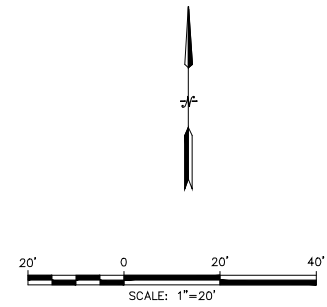
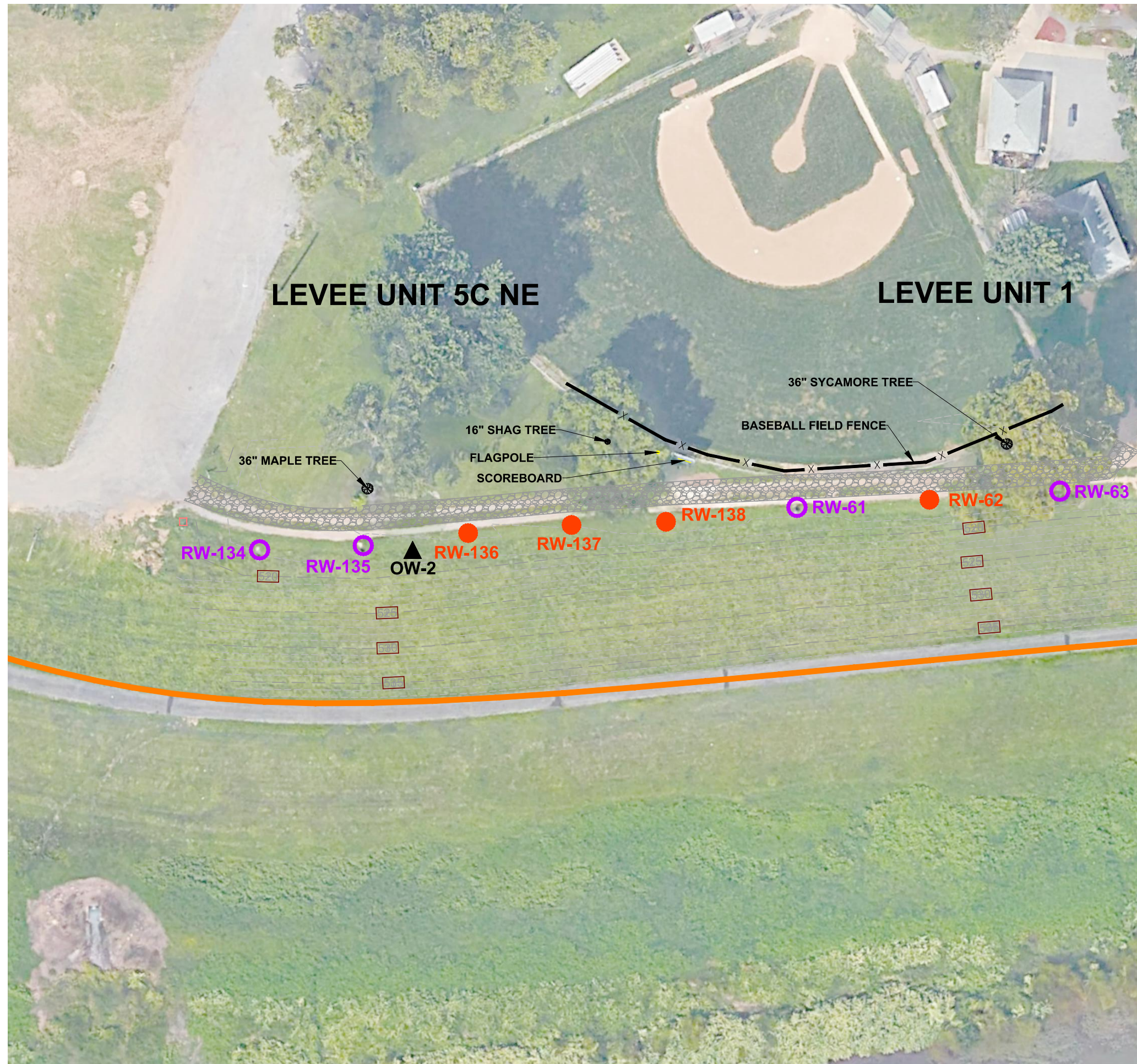
5

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- LEGEND:**
- WELL TO REMAIN UNCHANGED
 - WELL TO BE REHABILITATED
 - ▲ OBSERVATION WELL
 - APPROXIMATE LEVEE
 - 525 INDEX CONTOUR
 - INTERMEDIATE CONTOUR
 - X FENCE
 - GRAVEL DRIVEWAY
 - 6" X 6" WOODEN POST

NOTE:
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 GOOGLE EARTH PRO ON 7/26/2018.
 DATE OF IMAGE 6/2016.

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SUBMITTED BY: Wood Environment & Infrastructure Solutions, Inc.	FILE NAME:
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	ANSI D
	SIZE:
	1/8" = 1'-0"

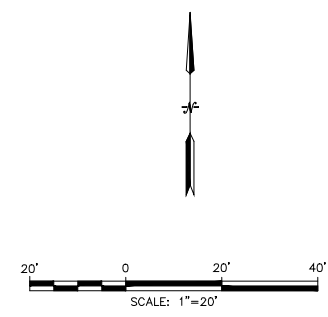
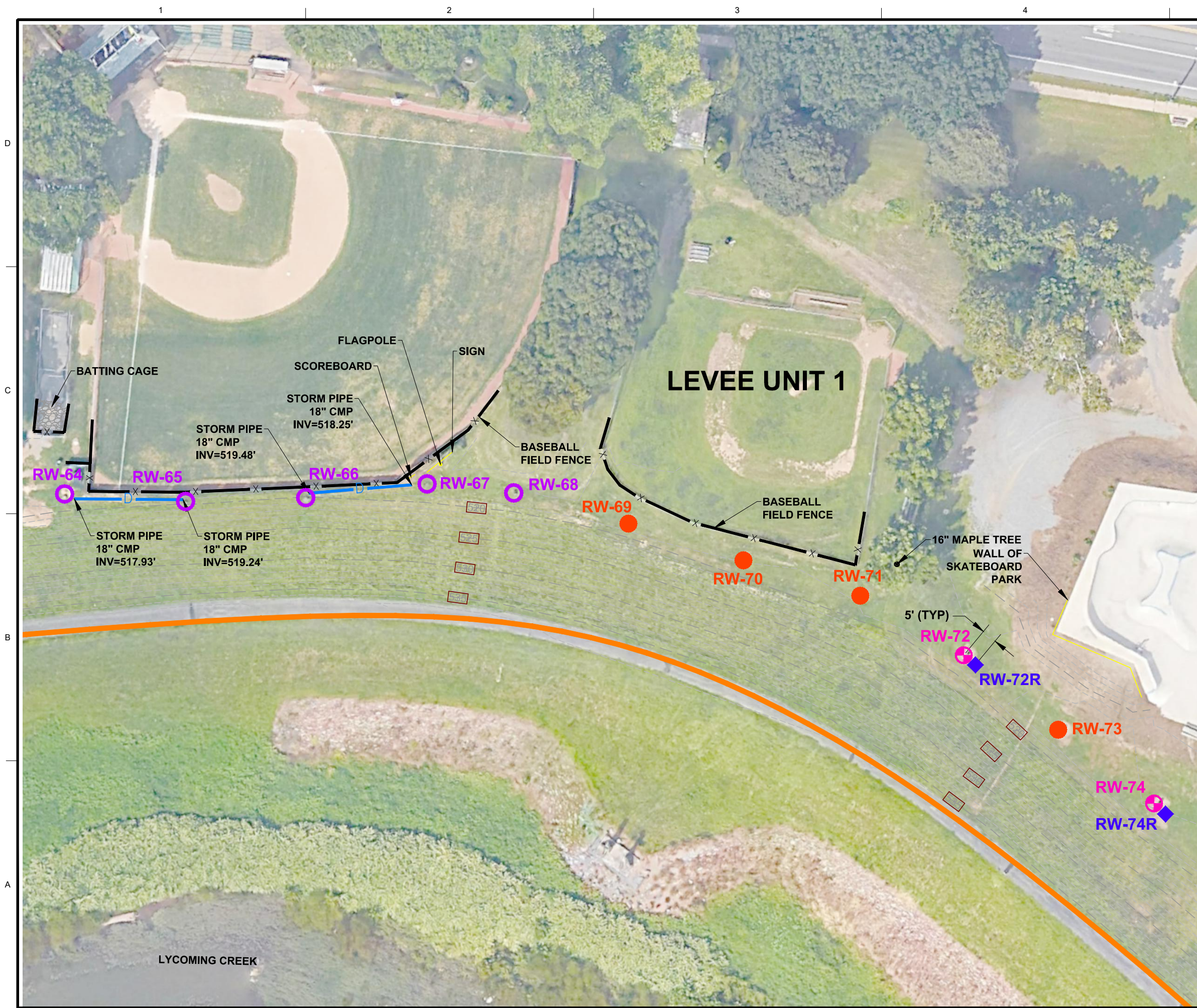
wood.
 Environment & Infrastructure Solutions, Inc.
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 Williamsport, PA 17701
 Phone: 610-339-9330

CITY OF WILLIAMSPORT



RELIEF WELL REHABILITATION
 AND REPLACEMENT PROJECT
**AERIAL VIEW AND SITE PLAN -
 WELLS 134 TO 138 AND 61 TO 63**

SHEET IDENTIFICATION
6
 SHEET 6 OF 20



LEGEND:

- WELL TO REMAIN UNCHANGED
- ⊕ WELL TO BE REPLACED
- WELL TO BE REHABILITATED
- ◆ REPLACEMENT WELL
- APPROXIMATE LEVEE
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- X FENCE
- D STORM PIPE

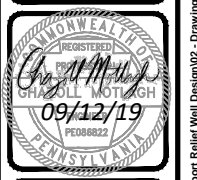
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DRAWN BY: LAF	PROJECT NO.:
CHECKED BY: MCK	7777/82009
SUBMITTED BY: Wood Environment & Infrastructure Solutions, Inc.	FILE NAME:
3800 Eazel Road, Suite 100	WILLIAMSPORT.dwg
Williamsport, PA 17701	AS SHOWN ANSID
Phone: 610-323-9430	

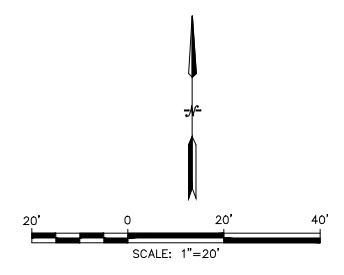
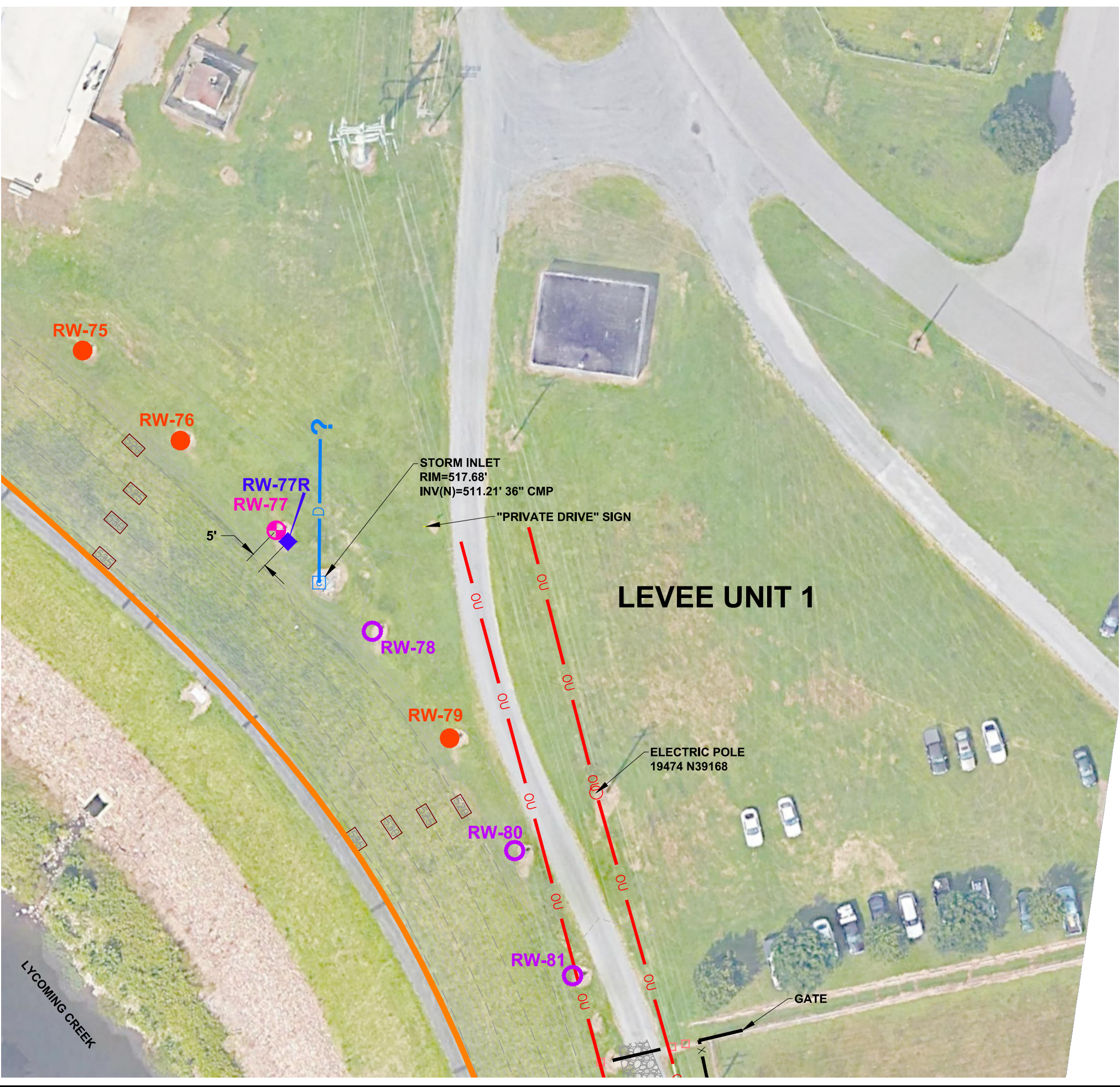
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 Environment & Infrastructure Solutions, Inc.
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 Williamsport, PA 17701
 Phone: 610-323-9430

CITY OF WILLIAMSPORT



RELIEF WELL REHABILITATION AND REPLACEMENT PROJECT
AERIAL VIEW AND SITE PLAN - WELLS 64 TO 74

SHEET IDENTIFICATION
7
 SHEET 7 OF 20



- LEGEND:**
- WELL TO REMAIN UNCHANGED
 - ⊕ WELL TO BE REPLACED
 - WELL TO BE REHABILITATED
 - ◆ REPLACEMENT WELL
 - APPROXIMATE LEVEE
 - 525 INDEX CONTOUR
 - INTERMEDIATE CONTOUR
 - X FENCE
 - D STORM PIPE
 - OU OVERHEAD UTILITY
 - ELECTRIC POLE
 - GRAVEL DRIVEWAY
 - 6" X 6" WOODEN POST

NOTE:
 AERIAL IMAGE OBTAINED FROM
 GOOGLE EARTH PRO ON 7/26/2018.
 DATE OF IMAGE 6/2016.

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DESIGNED BY: NCL	DATE: OCTOBER 10, 2018
DRAWN BY: LAF	PROJECT NO.:
CHECKED BY: MSK	7777/82009
SUBMITTED BY: Wood Environment & Infrastructure Solutions, Inc.	FILE NAME:
WOOD ENVIRONMENT & INFRASTRUCTURE SOLUTIONS, INC.	WILLIAMSPORT.dwg
3800 Ezel Road, Suite 100	PLOT SCALE:
Williamsport, PA 17701	AS SHOWN
Phone: 610-339-9630	ANSID

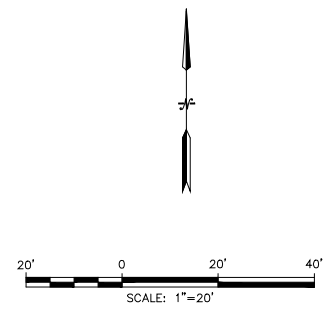
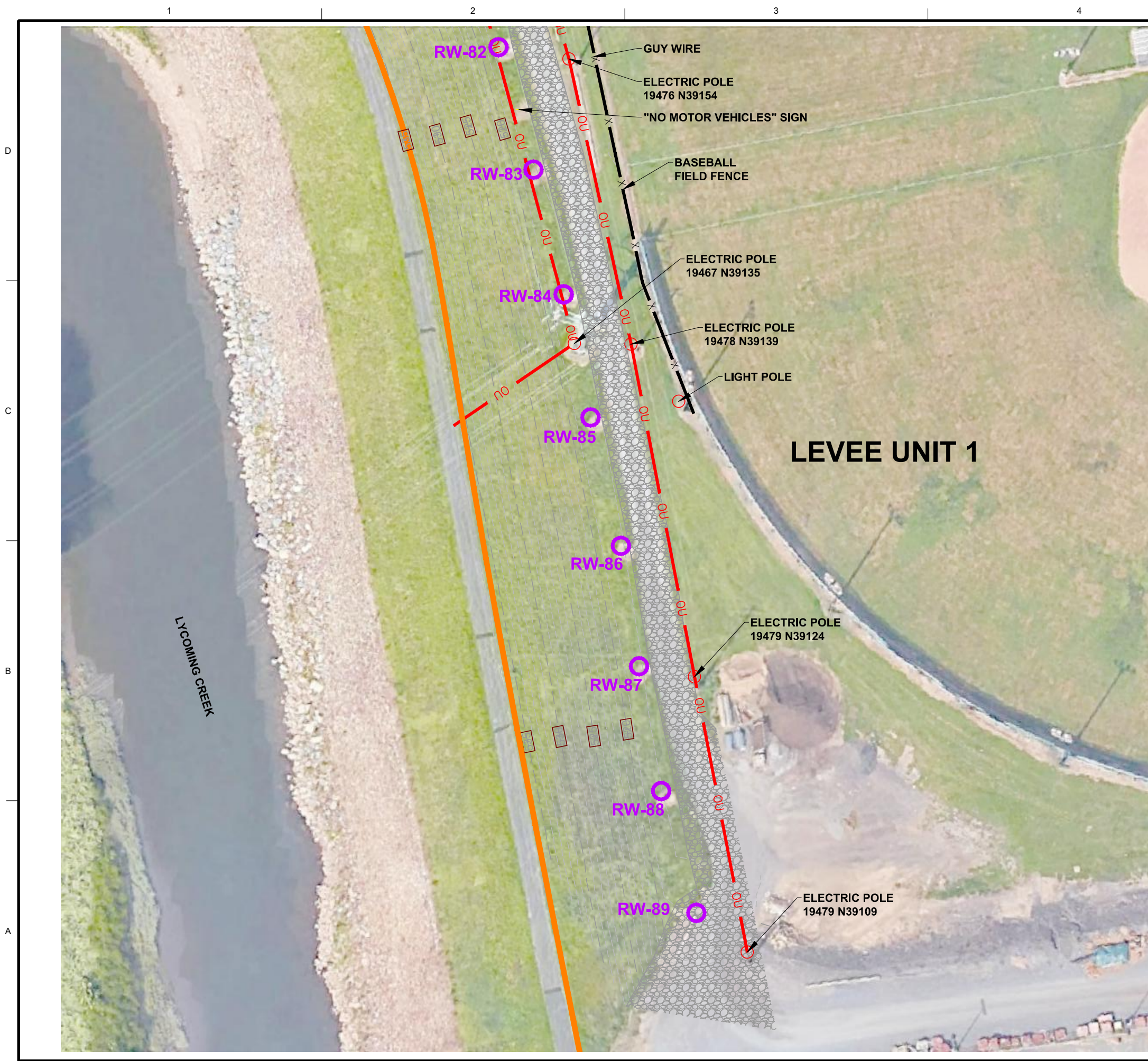
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CITY OF WILLIAMSPORT



RELIEF WELL REHABILITATION
 AND REPLACEMENT PROJECT
**AERIAL VIEW AND SITE PLAN -
 WELLS 75 TO 81**

SHEET IDENTIFICATION
8
 SHEET 8 OF 20

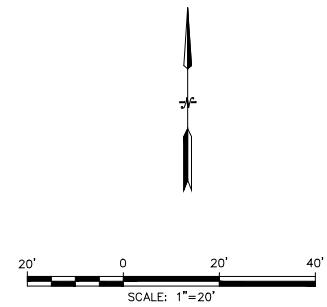








- LEGEND:**
- WELL TO REMAIN UNCHANGED
 - APPROXIMATE LEVEE
 - 525 INDEX CONTOUR
 - INTERMEDIATE CONTOUR
 - FENCE
 - OVERHEAD UTILITY
 - ELECTRIC POLE
 - GRAVEL DRIVEWAY

NOTE:
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CITY OF WILLIAMSPORT				
RELIEF WELL REHABILITATION AND REPLACEMENT PROJECT AERIAL VIEW AND SITE PLAN - WELLS 82 TO 89				
SHEET IDENTIFICATION 9 <small>SHEET 9 OF 20</small>				

LEVEE UNIT 4B



- LEGEND:**
-  WELL TO REMAIN UNCHANGED
 -  WELL TO BE REHABILITATED
 -  APPROXIMATE LEVEE
 -  525 INDEX CONTOUR
 -  INTERMEDIATE CONTOUR
 -  GRAVEL DRIVEWAY

NOTE:
 AERIAL IMAGE OBTAINED FROM
 GOOGLE EARTH PRO ON 7/26/2018.
 DATE OF IMAGE 6/2016.

MARK	DESCRIPTION	DATE	APPR.

DESIGNED BY: NCL	DATE: OCTOBER 10, 2018
DRAWN BY: LAF	PROJECT NO.: 7777182009
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AS SHOWN	ANSID
PLOT SCALE	SIZE

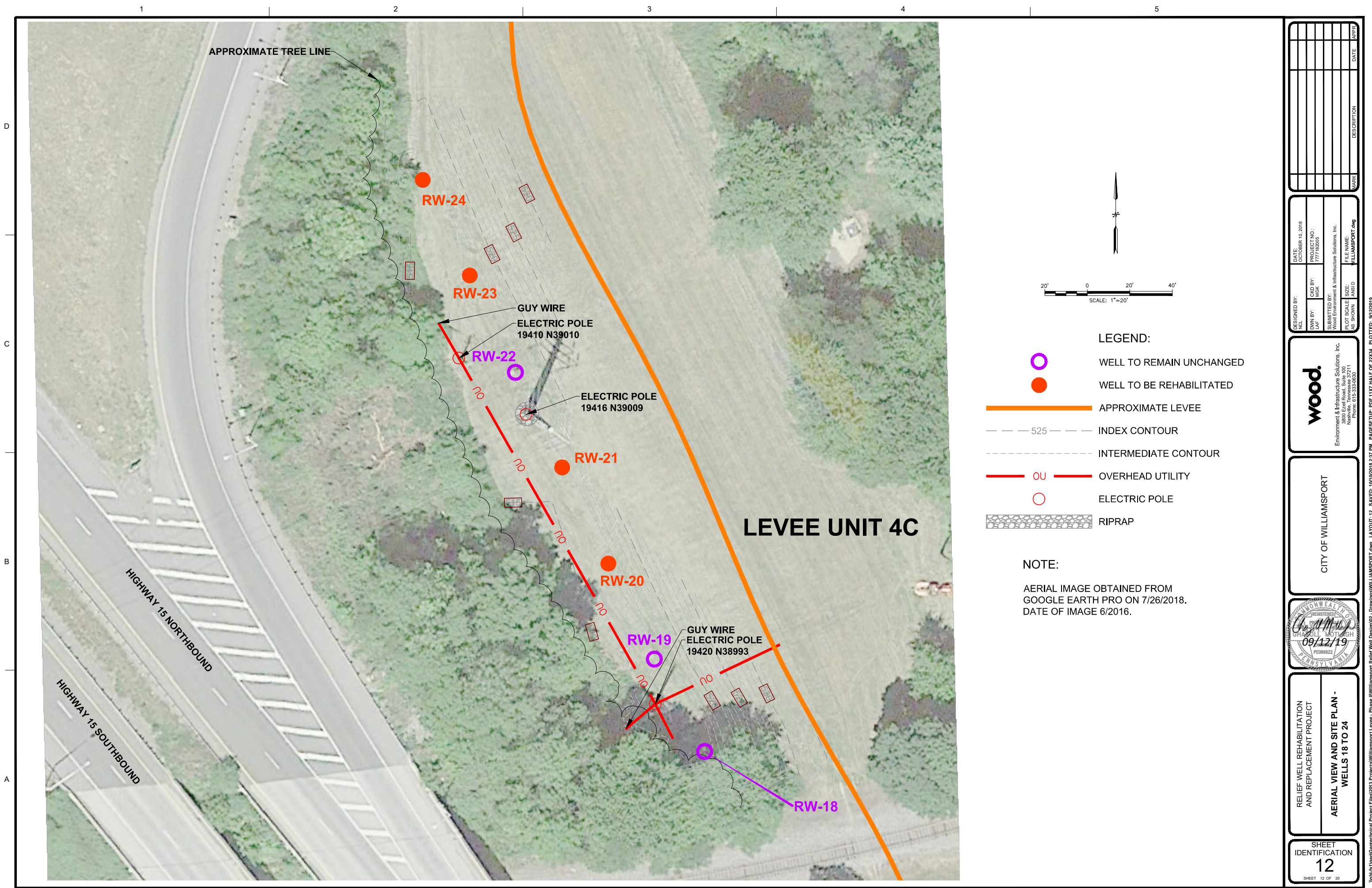
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 Environment & Infrastructure Solutions, Inc.
 3800 Ezzell Road, Suite 100
 Williamsport, PA 17701
 Phone: 610-333-9330

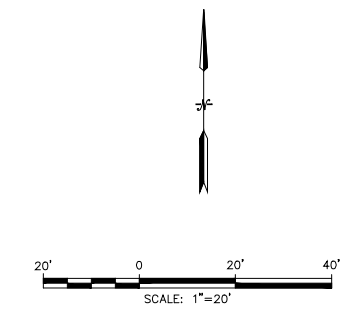
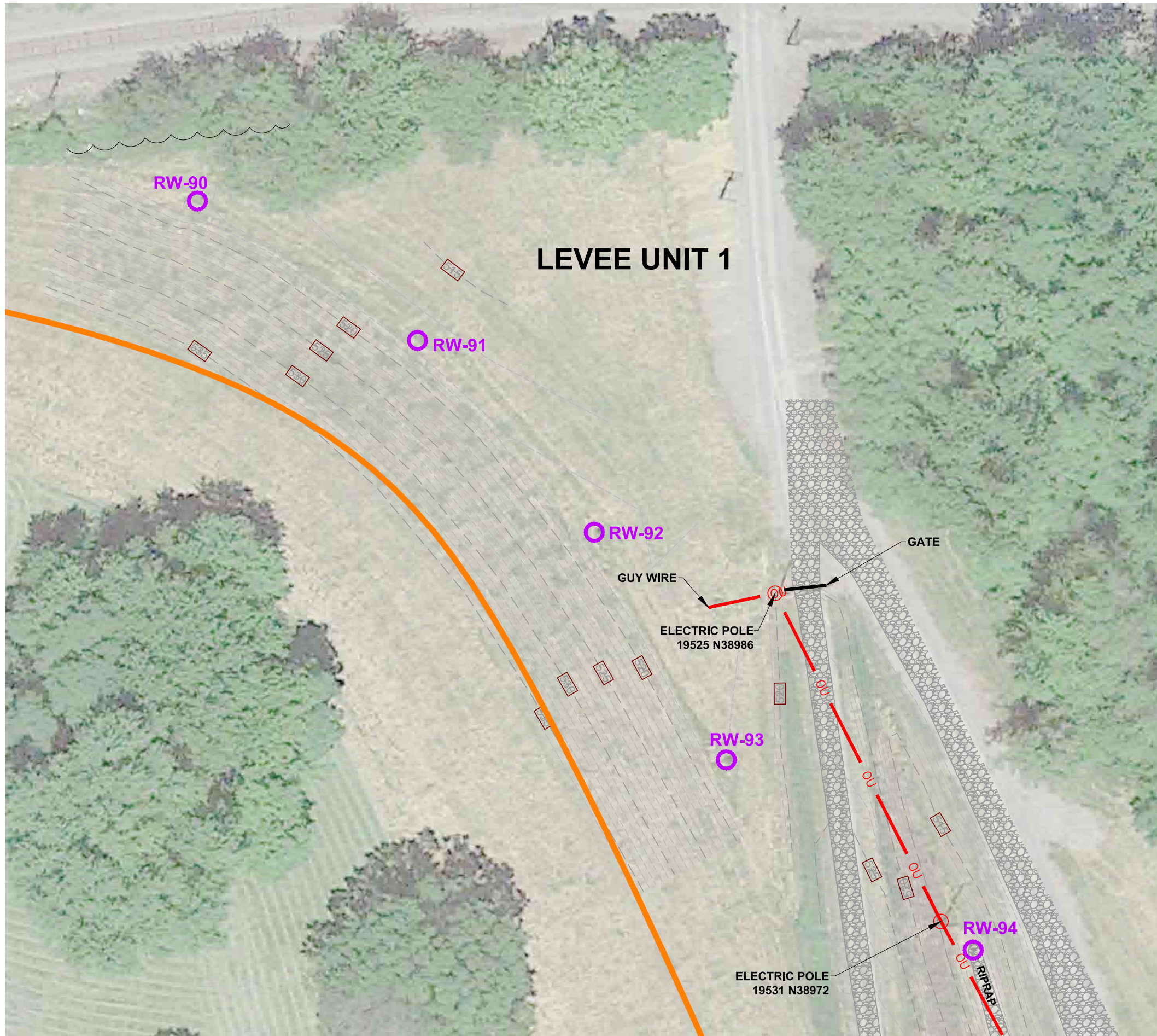
CITY OF WILLIAMSPORT



RELIEF WELL REHABILITATION
 AND REPLACEMENT PROJECT
**AERIAL VIEW AND SITE PLAN -
 WELLS 42 TO 46**

SHEET IDENTIFICATION
11
 SHEET 11 OF 20





- LEGEND:**
- WELL TO REMAIN UNCHANGED
 - APPROXIMATE LEVEE
 - INDEX CONTOUR
 - INTERMEDIATE CONTOUR
 - FENCE
 - OVERHEAD UTILITY
 - ELECTRIC POLE
 - GRAVEL DRIVEWAY

NOTE:
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MARK	DESCRIPTION	DATE	APPR.

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CHECKED BY: MSK	FILE NAME: WILLIAMSPORT.dwg
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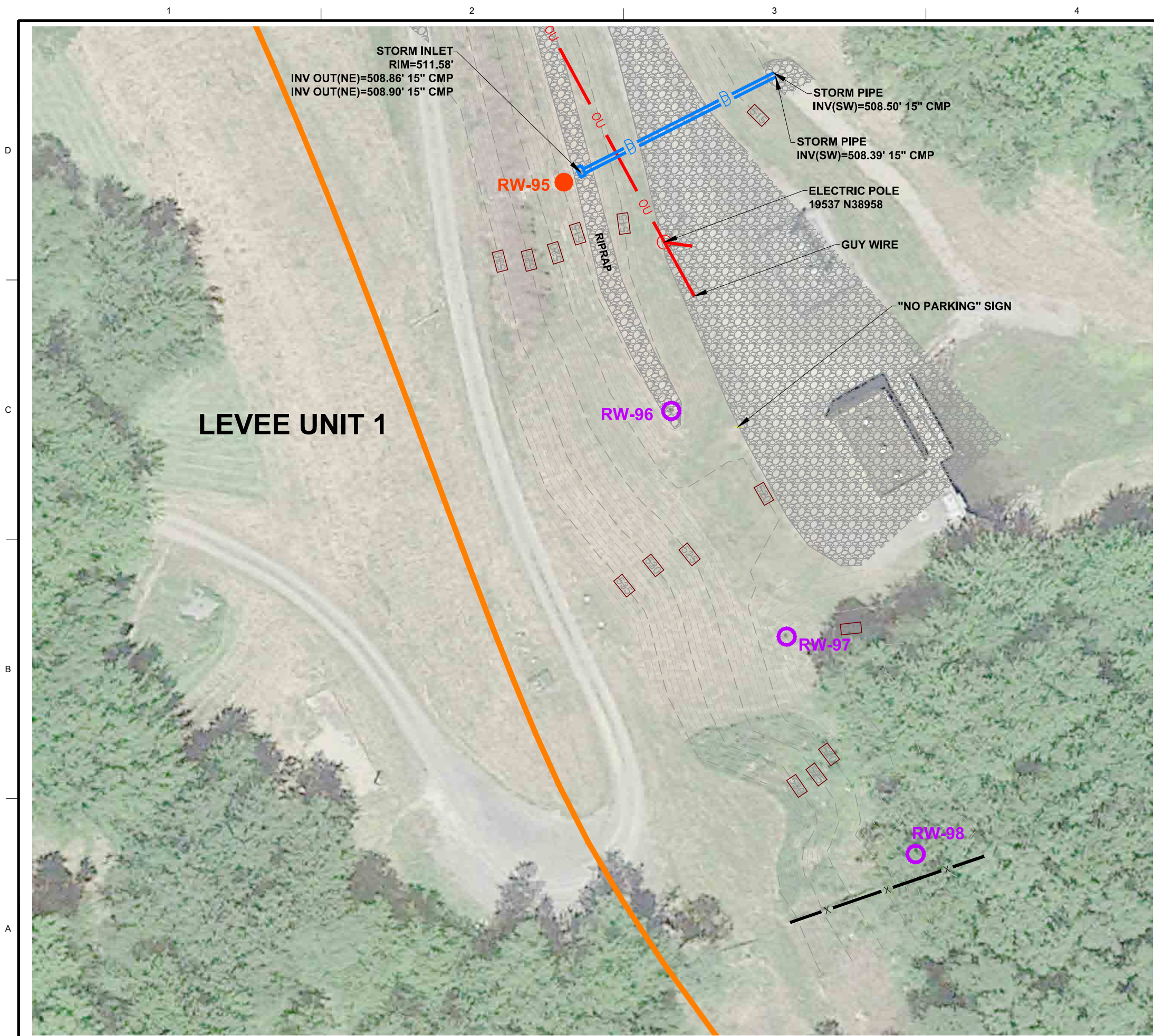
wood.
Environment & Infrastructure Solutions, Inc.
3800 Eazel Road, Suite 100
Lancaster, PA 17601
Phone: 610-333-9630

CITY OF WILLIAMSPORT

REGISTERED PROFESSIONAL ENGINEER
CHARLES M. MOTT
09/12/19
PE006632
PENNSYLVANIA

RELIEF WELL REHABILITATION AND REPLACEMENT PROJECT
AERIAL VIEW AND SITE PLAN - WELLS 90 TO 94

SHEET IDENTIFICATION
13
SHEET 13 OF 20



LEVEE UNIT 1

STORM INLET
RIM=511.58'
INV OUT(NE)=508.86' 15" CMP
INV OUT(NE)=508.90' 15" CMP

STORM PIPE
INV(SW)=508.50' 15" CMP

STORM PIPE
INV(SW)=508.39' 15" CMP

ELECTRIC POLE
19537 N38958

GUY WIRE

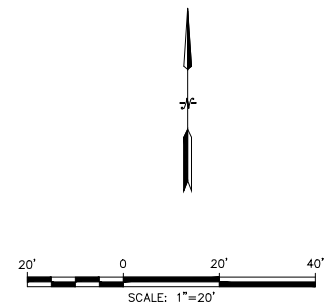
"NO PARKING" SIGN

RW-95










RW-96

RW-97

RW-98



LEGEND:

-  WELL TO REMAIN UNCHANGED
-  WELL TO BE REHABILITATED
-  APPROXIMATE LEVEE
-  525 INDEX CONTOUR
-  INTERMEDIATE CONTOUR
-  FENCE
-  STORM PIPE
-  OVERHEAD UTILITY
-  GRAVEL DRIVEWAY

NOTE:

AERIAL IMAGE OBTAINED FROM
GOOGLE EARTH PRO ON 7/26/2018.
DATE OF IMAGE 6/2016.

MARK	DESCRIPTION	DATE	APPR

DESIGNED BY: NCL	DATE: OCTOBER 10, 2018
DRAWN BY: LAF	PROJECT NO.:
CHECKED BY: MSK	7777/82009
SUBMITTED BY: Wood Environment & Infrastructure Solutions, Inc.	FILE NAME:
WOOD ENVIRONMENT & INFRASTRUCTURE SOLUTIONS, INC.	WILLIAMSPORT.dwg
3800 Eazel Road, Suite 100 Williamsport, PA 17701 Phone: 815-323-9330	PLOT SCALE SIZE: AS SHOWN ANSID

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Williamsport, PA 17701
Phone: 815-323-9330

CITY OF WILLIAMSPORT



RELIEF WELL REHABILITATION
AND REPLACEMENT PROJECT

**AERIAL VIEW AND SITE PLAN -
WELLS 95 TO 98**

SHEET
IDENTIFICATION
14
SHEET 14 OF 20

DATE OF IMAGE 6/2016.

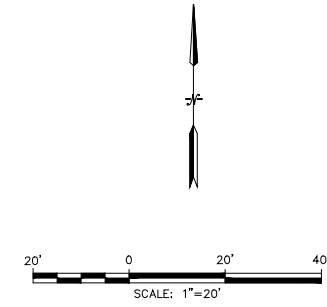
LEVEE UNIT 1

RW-99





RW-100
RW-100R

RW-101

ENTRANCE FROM ROUTE 220 TO HIGHWAY 15



LEGEND:

-  WELL TO REMAIN UNCHANGED
-  WELL TO BE REPLACED
-  REPLACEMENT WELL
-  FENCE

NOTES:

1. CITY TO PROVIDE CLEARING OF VEGETATION REQUIRED FOR ACCESS TO RW-100.
2. AERIAL IMAGE OBTAINED FROM GOOGLE EARTH PRO ON 7/26/2018. DATE OF IMAGE 6/2016.

NO.	REVISION	DATE	BY	CHKD BY

DESIGNED BY: NCL	DATE: OCTOBER 10, 2018
DRAWN BY: LAF	PROJECT NO.: 7777/182009
CHECKED BY: MSK	
SUBMITTED BY: Wood Environment & Infrastructure Solutions, Inc.	FILE NAME: WILLIAMSPORT.dwg
PLOT SCALE: AS SHOWN	ANSI ID
SIZE:	

wood.
Environment & Infrastructure Solutions, Inc.
3800 Eazel Road, Suite 100
Harrisburg, PA 17111
Phone: 610-333-9330

CITY OF WILLIAMSPORT



RELIEF WELL REHABILITATION AND REPLACEMENT PROJECT
AERIAL VIEW AND SITE PLAN - WELLS 99 TO 101

SHEET IDENTIFICATION
15
SHEET 15 OF 20

LEVEE UNIT 5C NW

STORM MANHOLE
RIM=519.74'
INV IN(NE)=506.39' 24" VCP
INV OU(SW)=506.39' 24" VCP

SANITARY MANHOLE
RIM=520.12'
INV IN(SW)=503.52' 24" VCP
INV OUT(NE)=503.52' 24" VCP

RIP RAP

ROCK LINED DITCH

RW-1

RW-2

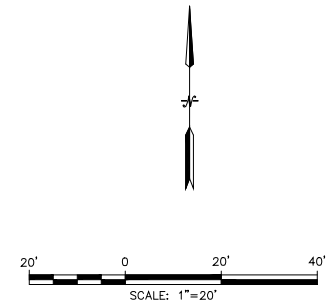
RW-3

RW-4

RW-5

RW-6

RW-7

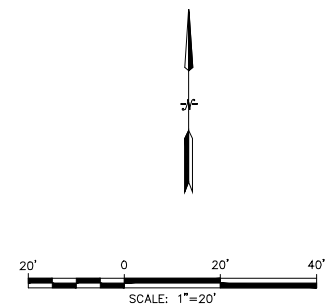
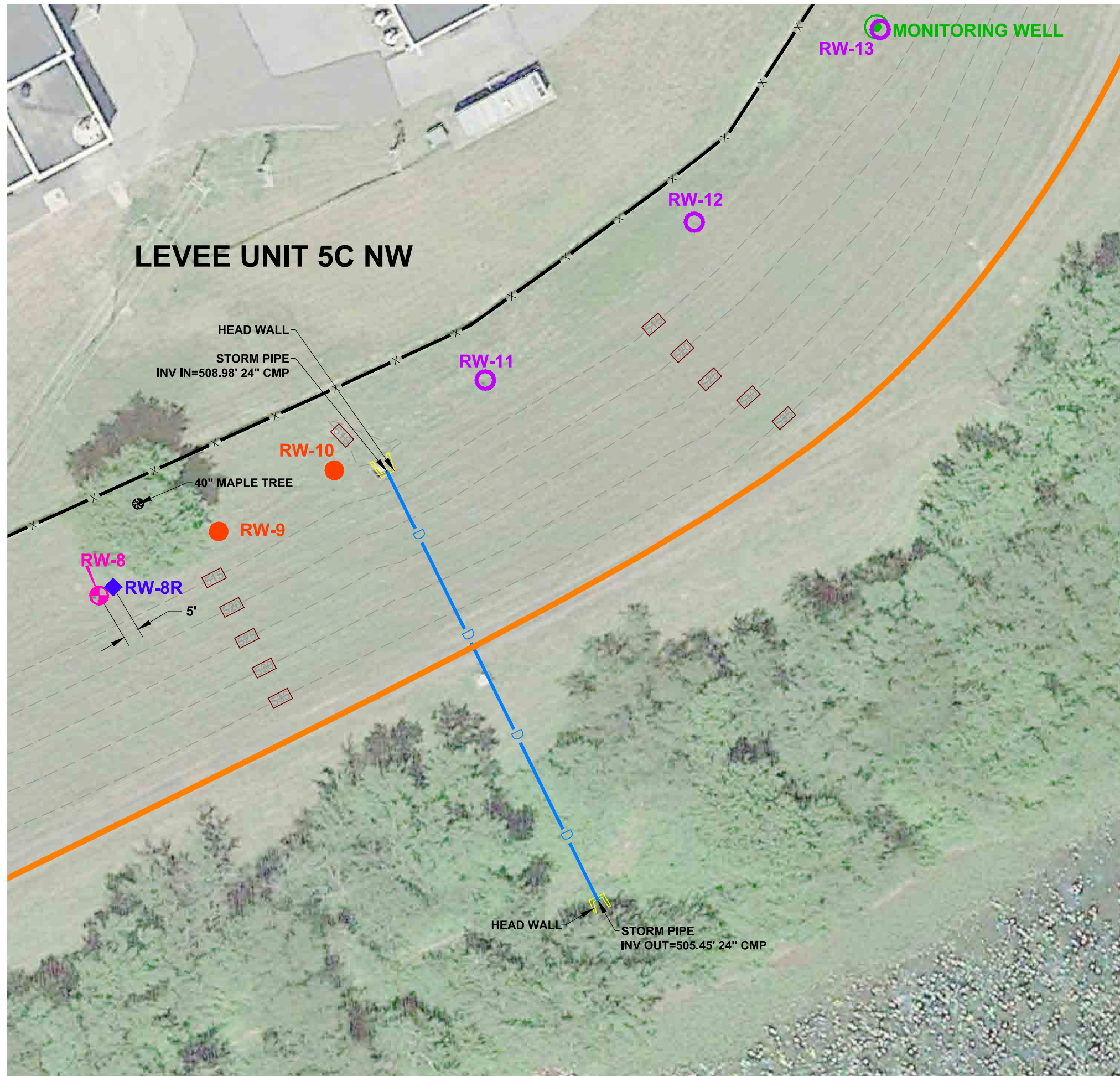


- LEGEND:**
- WELL TO REMAIN UNCHANGED
 - WELL TO BE REHABILITATED
 - APPROXIMATE LEVEE
 - 525 INDEX CONTOUR
 - INTERMEDIATE CONTOUR
 - > > DITCH
 - X X X X FENCE
 - D STORM PIPE
 - S S S S SANITARY LINE
 - GRAVEL DRIVEWAY

NOTE:
AERIAL IMAGE OBTAINED FROM
GOOGLE EARTH PRO ON 7/26/2018.
DATE OF IMAGE 6/2016.

DESIGNED BY: NCL	DATE: OCTOBER 10, 2018	DRAWN BY: LAF	CHK BY: MCK	PROJECT NO.:	7777/182018	SUBMITTED BY: Wood Environment & Infrastructure Solutions, Inc.	FILE NAME: WILLIAMSPORT.dwg
DATE:	OCTOBER 10, 2018	PROJECT NO.:	7777/182018	DRAWN BY:	LAF	CHK BY:	MCK
SUBMITTED BY:	Wood Environment & Infrastructure Solutions, Inc.	FILE NAME:	WILLIAMSPORT.dwg	PLOT SCALE:	ANSI D	PLOT SCALE:	ANSI D
CITY OF WILLIAMSPORT							
RELIEF WELL REHABILITATION AND REPLACEMENT PROJECT AERIAL VIEW AND SITE PLAN - WELLS 1 TO 7							
SHEET IDENTIFICATION 16 SHEET 16 OF 20							

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- LEGEND:**
- WELL TO REMAIN UNCHANGED
 - ⊕ WELL TO BE REPLACED
 - WELL TO BE REHABILITATED
 - ◆ REPLACEMENT WELL
 - MONITORING WELL
 - APPROXIMATE LEVEE
 - - - 525 - - - INDEX CONTOUR
 - - - - - INTERMEDIATE CONTOUR
 - X — FENCE
 - D — STORM PIPE

NOTE:
 AERIAL IMAGE OBTAINED FROM
 GOOGLE EARTH PRO ON 7/26/2018.
 DATE OF IMAGE 6/2016.

MARK	DESCRIPTION	DATE	APPR.

DESIGNED BY: NCL	DATE: OCTOBER 10, 2018
DRAWN BY: LAF	PROJECT NO.:
CHECKED BY: MSK	7777/82009
SUBMITTED BY: Wood Environment & Infrastructure Solutions, Inc.	FILE NAME:
PROJECT NO.:	WILLIAMSPORT.dwg
PLOT SCALE:	ANSI
AS SHOWN	ANSID

wood.
 Environment & Infrastructure Solutions, Inc.
 3800 Eazel Road, Suite 100
 Williamsport, PA 17701
 Phone: 610-333-9330

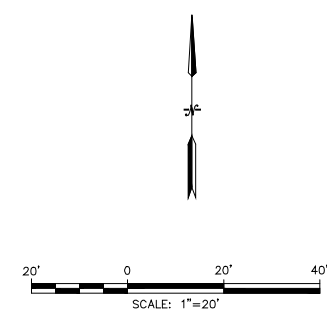
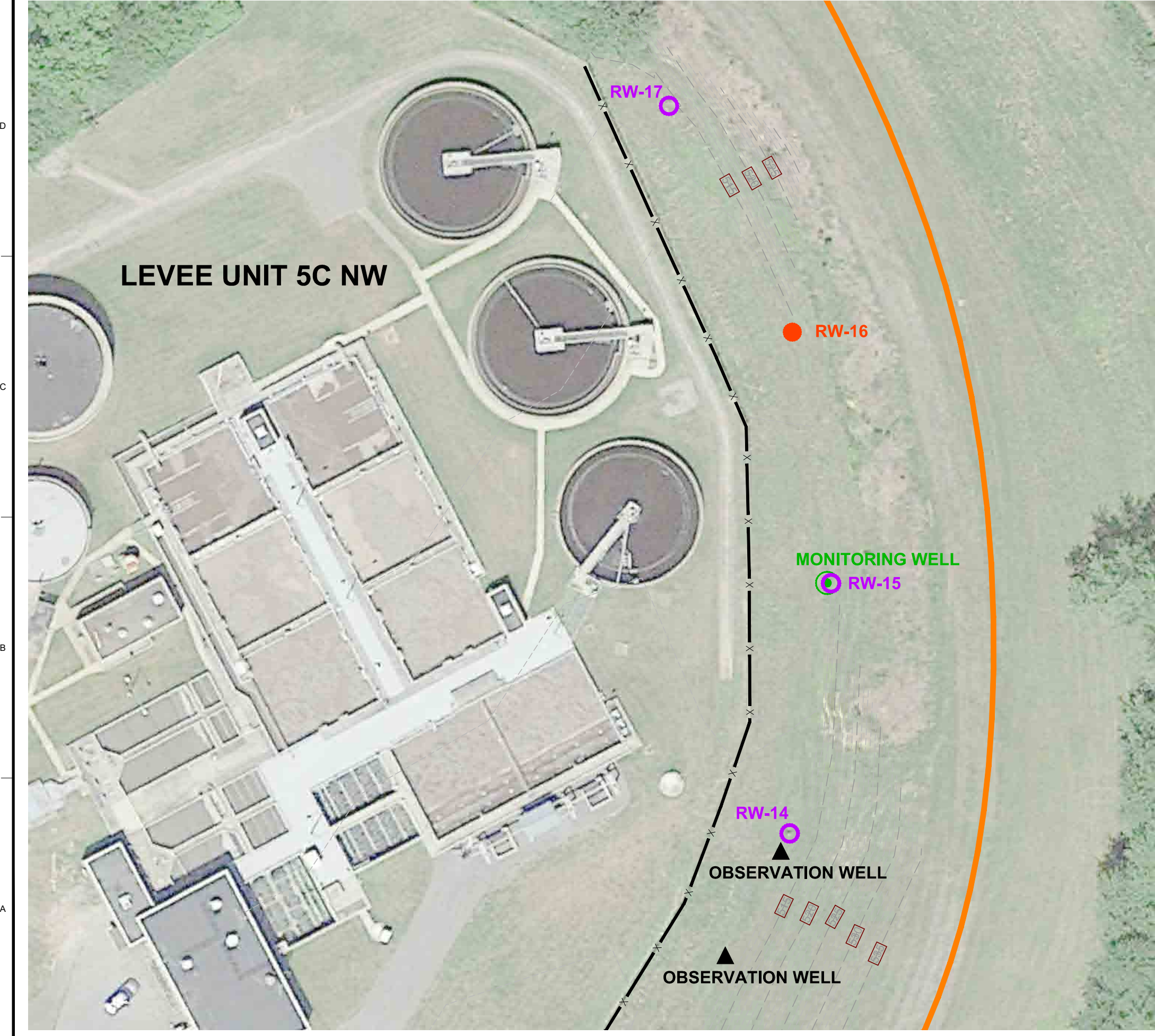
CITY OF WILLIAMSPORT



RELIEF WELL REHABILITATION
 AND REPLACEMENT PROJECT
**AERIAL VIEW AND SITE PLAN -
 WELLS 8 TO 13**

SHEET IDENTIFICATION
17
 SHEET 17 OF 20

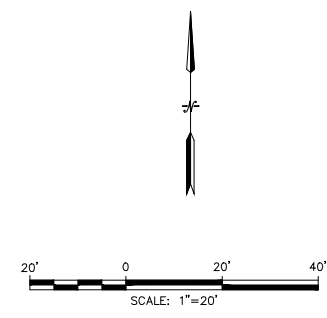
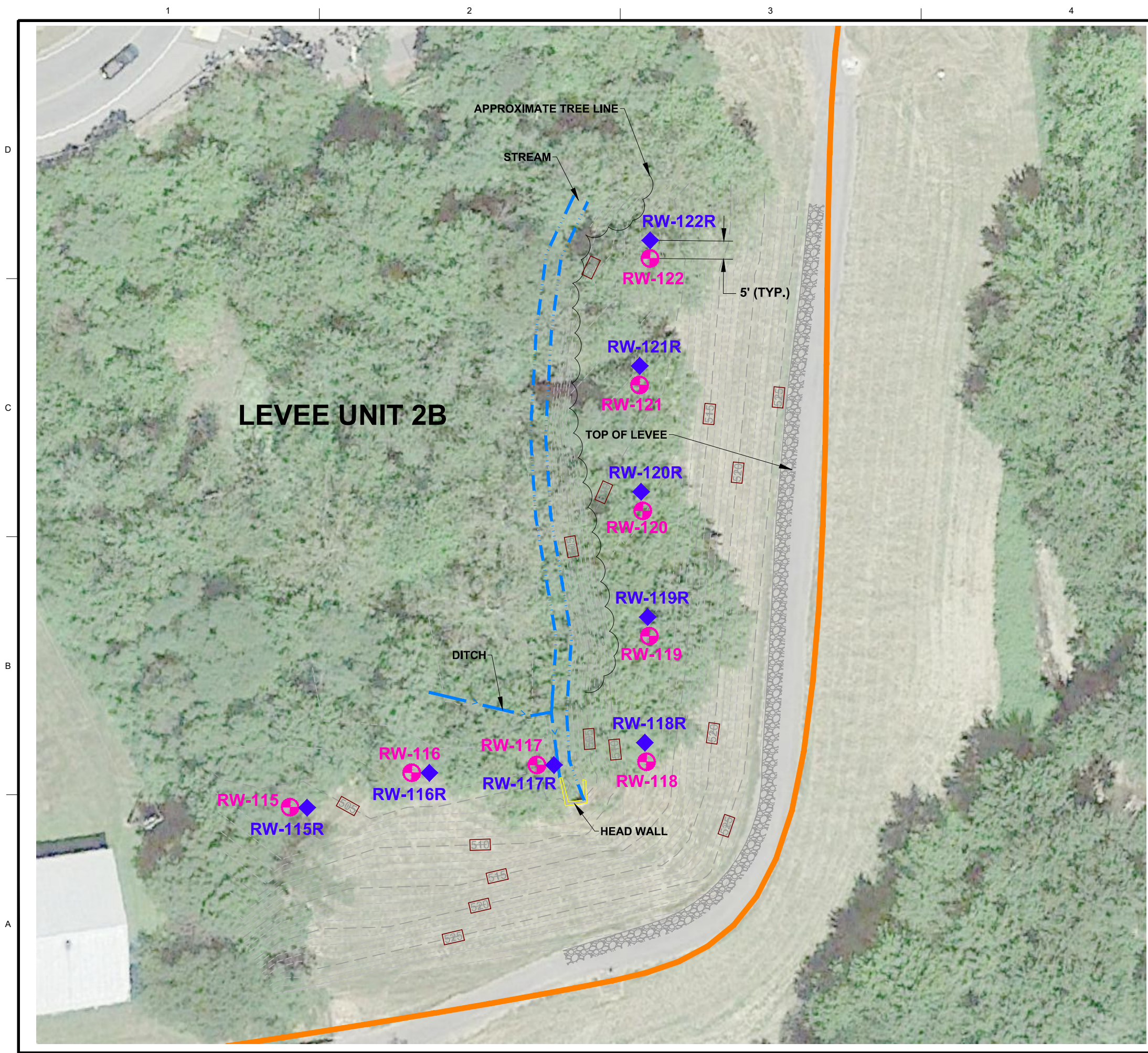
LEVEE UNIT 5C NW



- LEGEND:**
- WELL TO REMAIN UNCHANGED
 - WELL TO BE REHABILITATED
 - MONITORING WELL
 - ▲ OBSERVATION WELL
 - APPROXIMATE LEVEE
 - 525 INDEX CONTOUR
 - INTERMEDIATE CONTOUR
 - X FENCE

NOTE:
 AERIAL IMAGE OBTAINED FROM
 GOOGLE EARTH PRO ON 7/26/2018.
 DATE OF IMAGE 6/2016.

<p>wood. Environment & Infrastructure Solutions, Inc. 3800 Eazel Road, Suite 100 Williamsport, PA 17701 Phone: 815-323-9430</p>	<p>DESIGNED BY: NCL DATE: OCTOBER 10, 2018</p> <p>DRAWN BY: LAF CHECK BY: MSK PROJECT NO.: 7777/182009</p> <p>SUBMITTED BY: Wood Environment & Infrastructure Solutions, Inc. FILE NAME: WILLIAMSPORT.dwg PLOT SCALE: AS SHOWN ANSID</p>	<p>CITY OF WILLIAMSPORT</p>	<p>REGISTERED PROFESSIONAL ENGINEER CHAZZELL MOTTZIGH 09/12/19 PE008822</p>	<p>RELIEF WELL REHABILITATION AND REPLACEMENT PROJECT</p> <p>AERIAL VIEW AND SITE PLAN - WELLS 14 TO 17</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>DATE</th> <th>DESCRIPTION</th> <th>MARK</th> <th>APPR</th> </tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </table>	DATE	DESCRIPTION	MARK	APPR																																								
DATE	DESCRIPTION	MARK	APPR																																														
<p>SHEET IDENTIFICATION 18</p> <p style="font-size: 8pt;">SHEET 18 OF 20</p>		<p>W:\18\18\Geotechnical Project Files\2013 Project\Williamsport Levee - Phase II\Williamsport Relief Well Design\02 - Drawings\WILLIAMSPORT.dwg LAYOUT: 18 SAVED: 10/02/2018 2:37 PM PAGESETUP: PDF 11X17 HALF OF 22X34 PLOTTED: 9/12/2019</p>																																															



- LEGEND:**
- WELL TO BE REPLACED
 - REPLACEMENT WELL
 - APPROXIMATE LEVEE
 - 525 INDEX CONTOUR
 - INTERMEDIATE CONTOUR
 - DITCH
 - EDGE OF STREAM
 - GRAVEL DRIVEWAY

- NOTES:**
1. CITY TO PROVIDE CLEARING OF VEGETATION IF REQUIRED FOR ACCESS TO WELLS.
 2. AERIAL IMAGE OBTAINED FROM GOOGLE EARTH PRO ON 7/26/2018. DATE OF IMAGE 6/2016.

DATE	DESCRIPTION	MARK	DATE	APPR.

DESIGNED BY: NCL	DATE: OCTOBER 10, 2018
DRAWN BY: LAF	PROJECT NO.:
CHECKED BY: MCK	7777/80009
SUBMITTED BY: Wood Environment & Infrastructure Solutions, Inc.	FILE NAME:
WOOD ENVIRONMENT & INFRASTRUCTURE SOLUTIONS, INC.	WILLIAMSPORT.dwg
3800 Ezel Road, Suite 100 Williamsport, PA 17701 Phone: 610-333-9630	PLOT SCALE:
	ANSI
	AS SHOWN

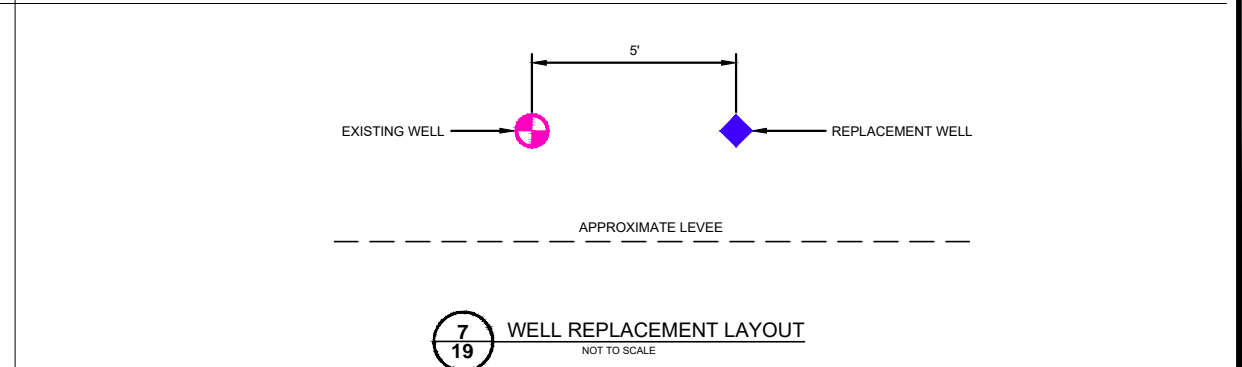
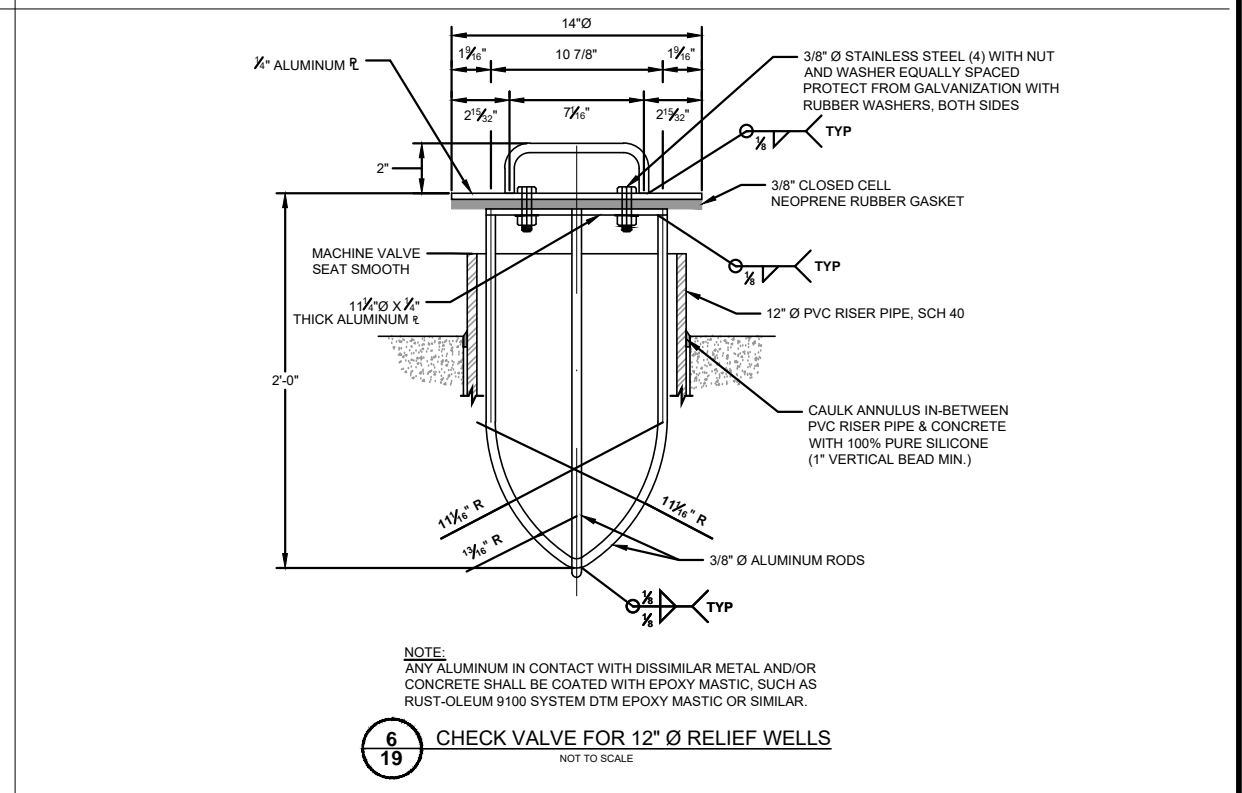
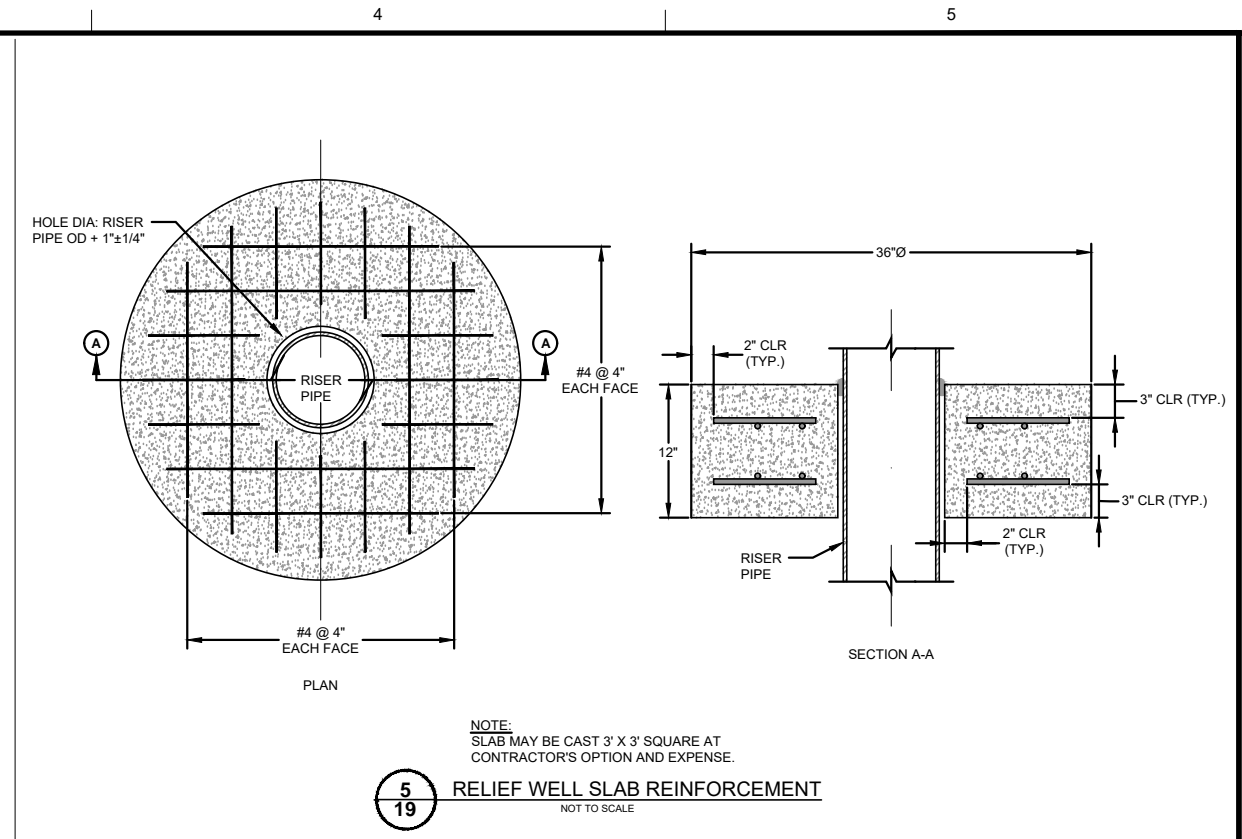
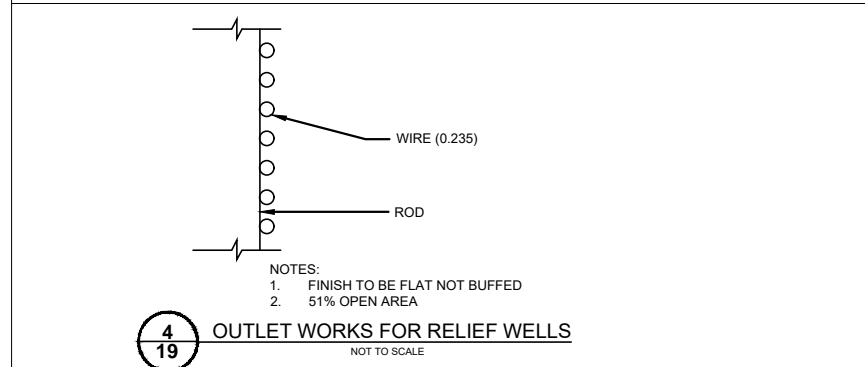
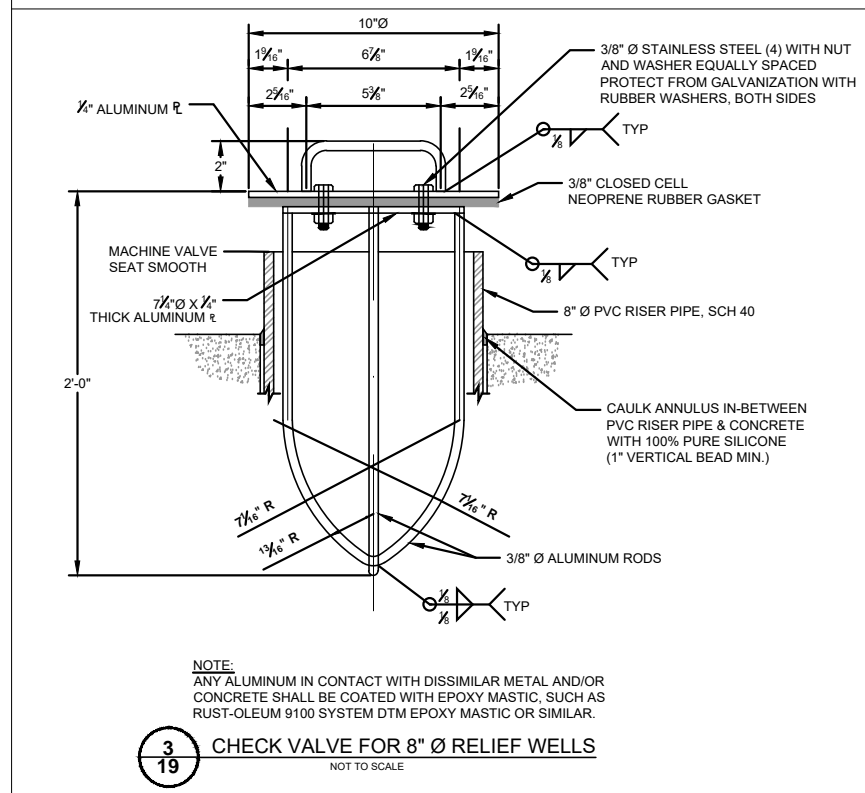
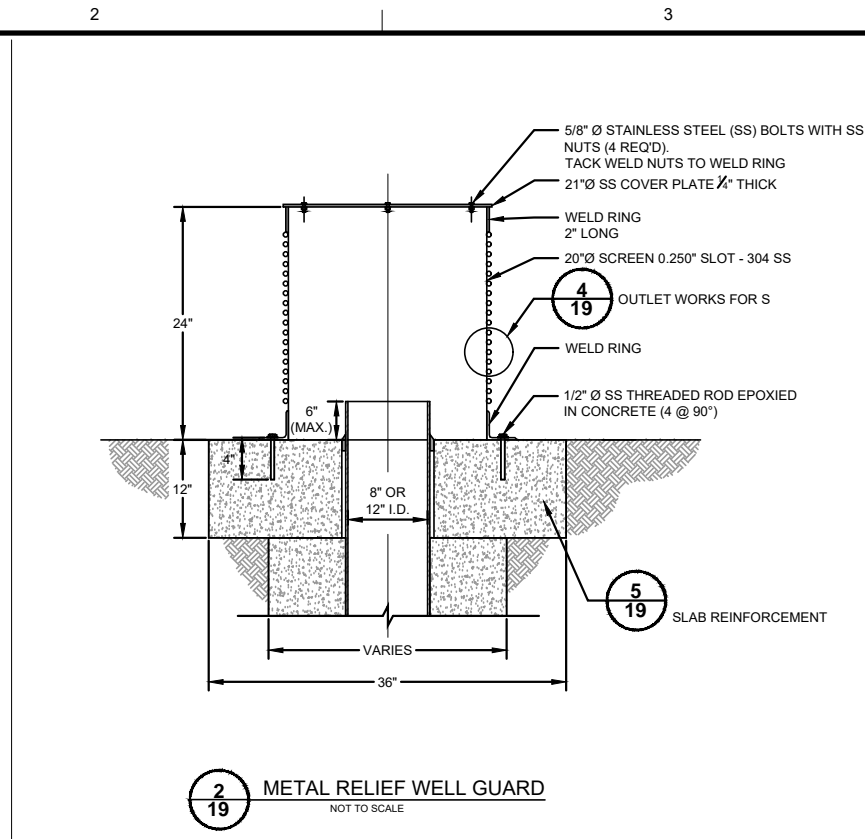
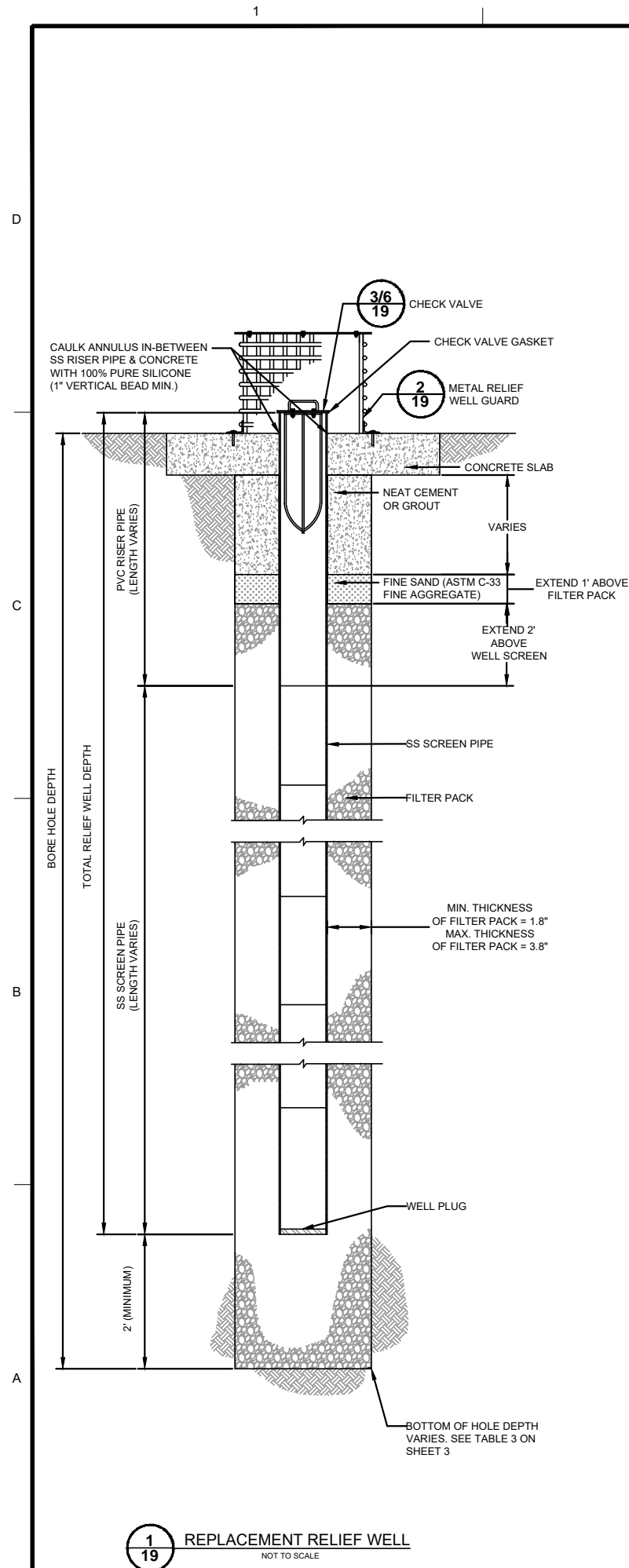
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Environment & Infrastructure Solutions, Inc.
3800 Ezel Road, Suite 100
Williamsport, PA 17701
Phone: 610-333-9630

CITY OF WILLIAMSPORT



RELIEF WELL REHABILITATION AND REPLACEMENT PROJECT
AERIAL VIEW AND SITE PLAN - WELLS 115 TO 122

SHEET IDENTIFICATION
19
SHEET 19 OF 20



DATE: OCTOBER 10, 2018	PROJECT NO.: 7777/18009	FILE NAME: WILLIAMSPORT.dwg
DESIGNED BY: NCL	CAD BY: MKK	ANSI
DATE: OCTOBER 10, 2018	PROJECT NO.: 7777/18009	FILE NAME: WILLIAMSPORT.dwg
DESIGNED BY: NCL	CAD BY: MKK	ANSI

wood.
Environment & Infrastructure Solutions, Inc.
3800 Eazel Road, Suite 100
Lancaster, PA 17601
Phone: 610-339-9630

CITY OF WILLIAMSPORT

09/12/19
CHADWELL MOTILLO
REGISTERED PROFESSIONAL ENGINEER
PENNSYLVANIA
PE066822

RELIEF WELL REHABILITATION AND REPLACEMENT PROJECT

DETAILS

SHEET IDENTIFICATION 20
SHEET 20 OF 20

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