Path: Z:\3800\3852\00_3852_008\GIS\Drain27_OldLidarLS\FargoPh7100yrMappingOverall.mxd 3/6/2014 4:58:32 PM (enelson)

USACE 1-percent chance floodplain (River Stage 41ft)

Sheet Layout

N W E S

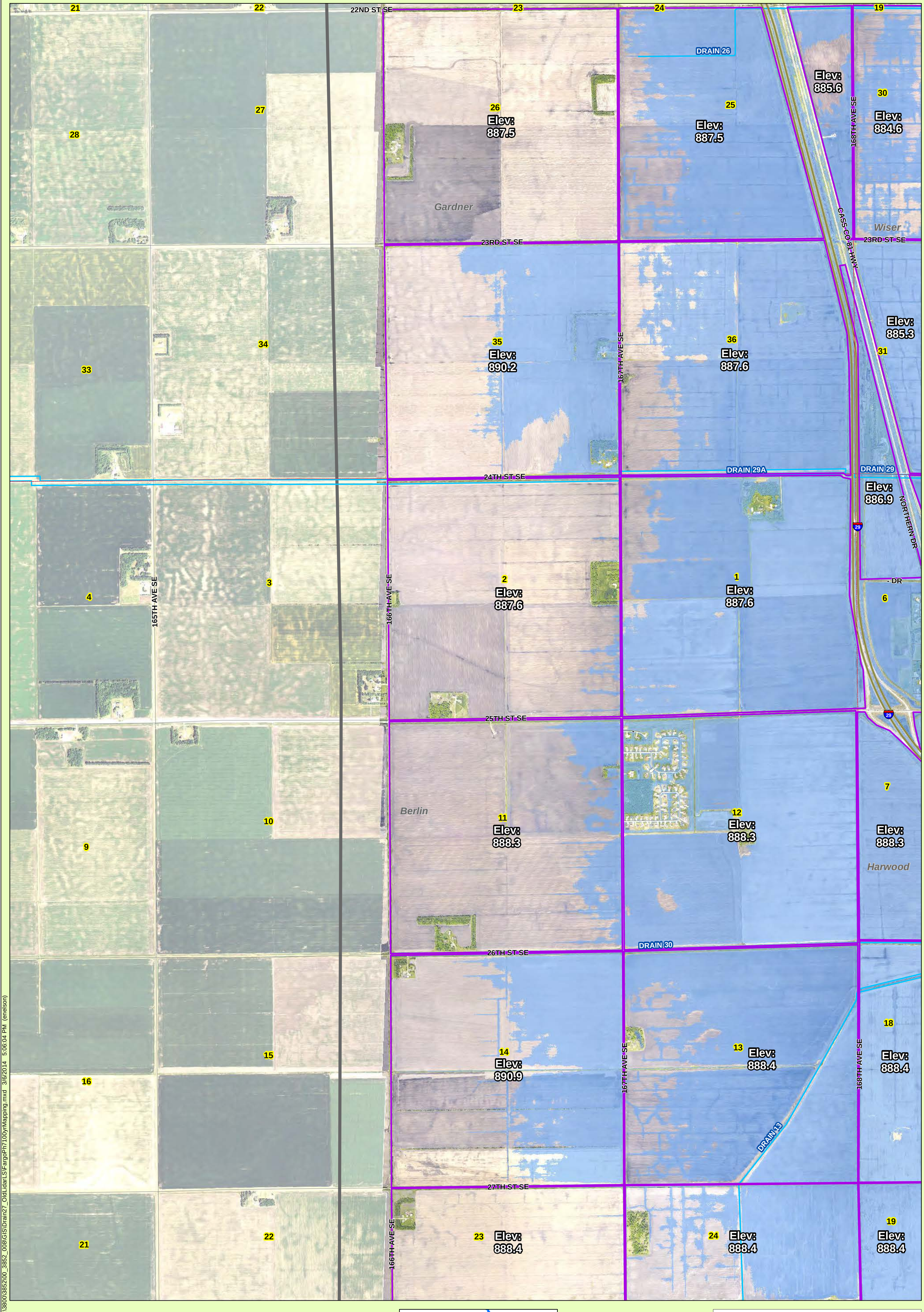
0 3,500 7,000 14,000 Feet

Vertical Datum: NAVD 1988

USACE 1-percent chance floodplain (River Stage 41 feet) Overall

Scale:	Drawn by:	Checked by:	Project No :	Date:	Sheet:
1"=1000'	ESN	CGT	3852-008	3/6/2014	of 18

Houston Engineering Inc.

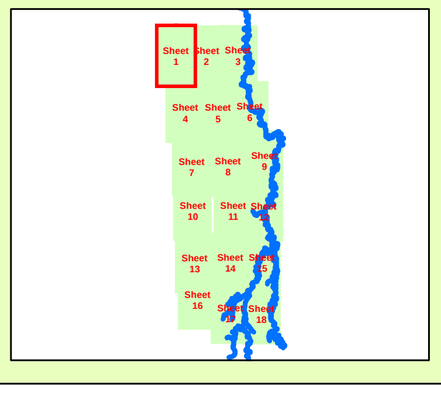


USACE 1-percent chance floodplain (River Stage 41ft)
Mapping Storage Areas
Mapping Cross Sections
Rivers & Drains
Mapping Limits

N W E S

0 500 1,000 2,000 Feet

Vertical Datum: NAVD 1988



USACE 1-percent chance floodplain (River Stage 41 feet)

Scale:	Drawn by:	Checked by:	Project No :	Date:	Sheet:
1"=1000'	ESN	CGT	3852-008	3/6/2014	1 of 18

HoustonEngineering Inc.

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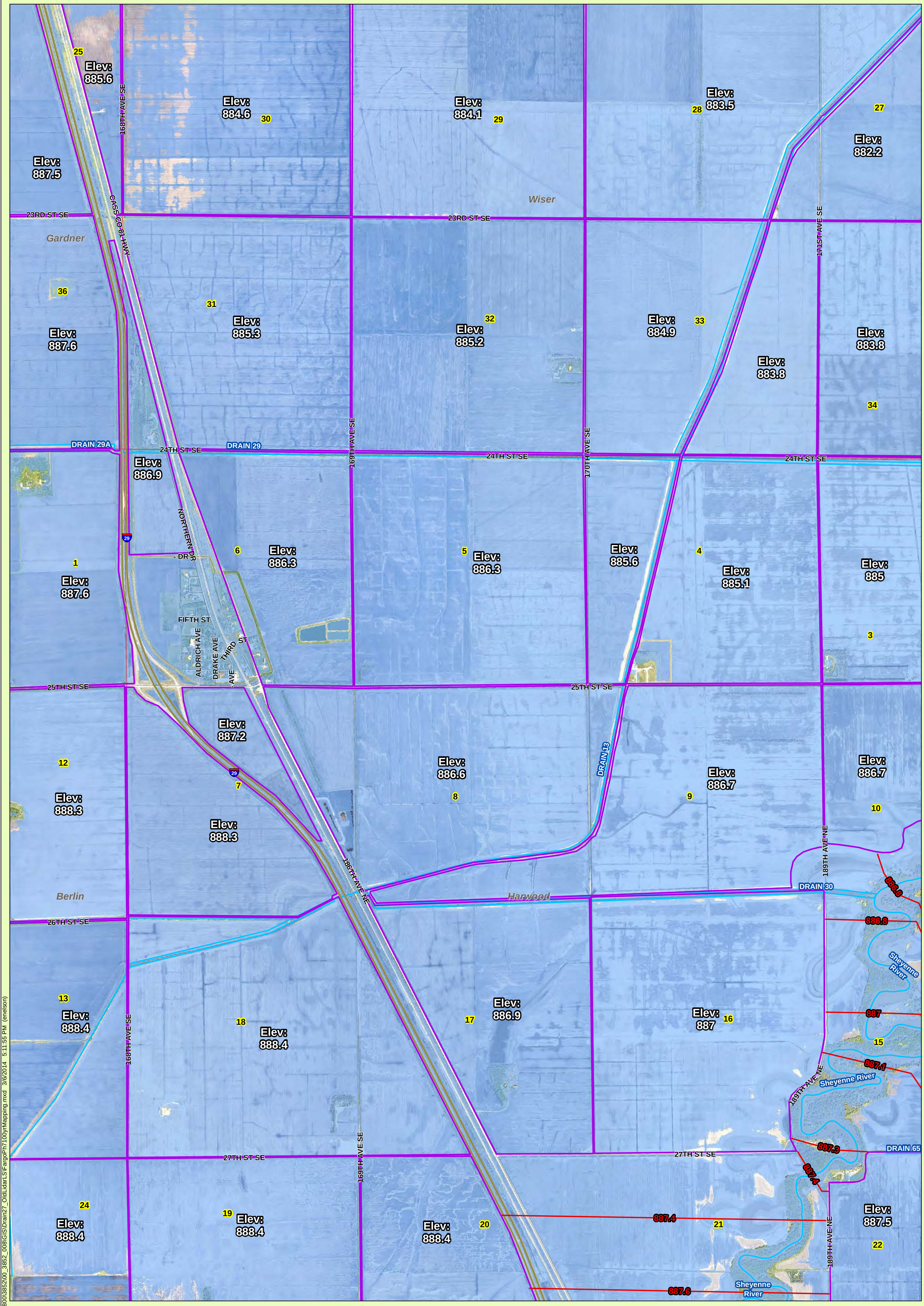


USACE 1-percent chance floodplain (River Stage 41ft)

Mapping Storage Areas

Mapping Cross Sections

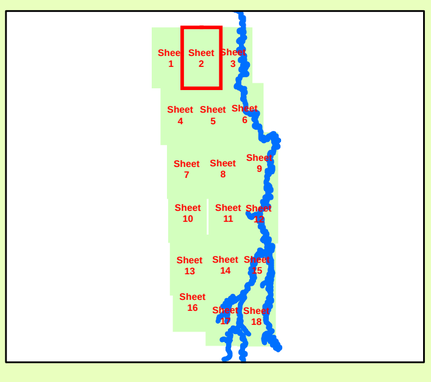
Rivers & Drains

Mapping Limits

N W E S

0 500 1,000 2,000 Feet

Vertical Datum: NAVD 1988

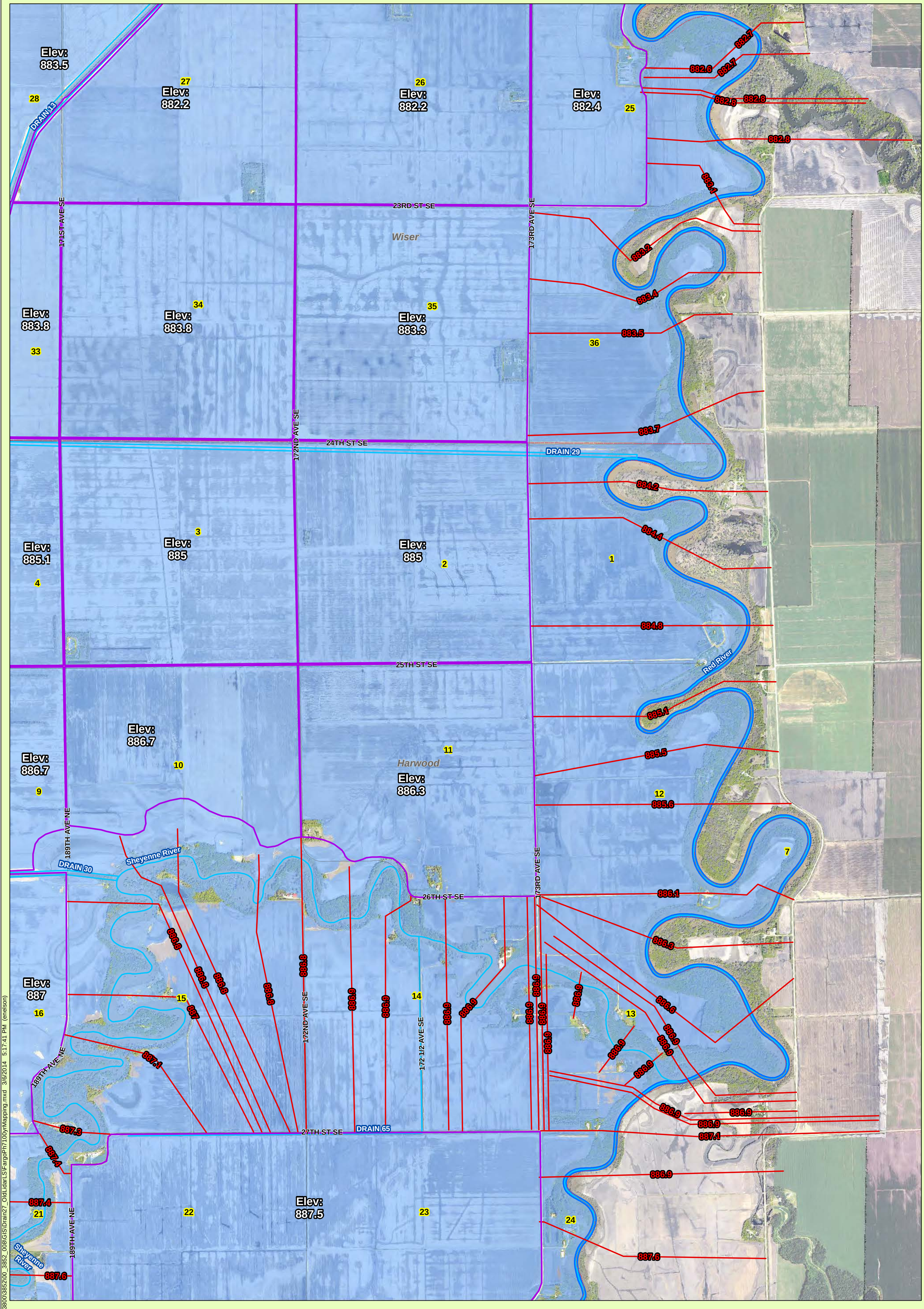


USACE 1-percent chance floodplain (River Stage 41 feet)

Scale:	Drawn by:	Checked by:	Project No :	Date:	Sheet:
1"=1000'	ESN	CGT	3852-008	3/6/2014	2 of 18

HoustonEngineering Inc.

Path: Z:\3800\3852\00_3852_008\GIS\Drain27_OldLidarLS\FargoPh7100yrMapping.mxd 3/6/2014 5:11:55 PM (enelson)



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USACE 1-percent chance floodplain (River Stage 41ft)

Mapping Storage Areas

Mapping Cross Sections

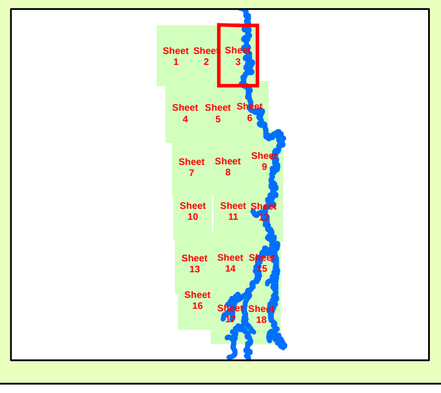
Rivers & Drains

Mapping Limits

N W E S

0 500 1,000 2,000 Feet

Vertical Datum: NAVD 1988



USACE 1-percent chance floodplain (River Stage 41 feet)

Scale:	Drawn by:	Checked by:	Project No :	Date:	Sheet:
1"=1000'	ESN	CGT	3852-008	3/6/2014	3 of 18

HoustonEngineering Inc.

USACE 1-percent chance floodplain (River Stage 41ft)

Mapping Storage Areas

Mapping Cross Sections

Rivers & Drains

Mapping Limits

N W E S

0 500 1,000 2,000 Feet

Vertical Datum: NAVD 1988

USACE 1-percent chance floodplain (River Stage 41 feet)

Scale:	Drawn by:	Checked by:	Project No :	Date:	Sheet:
1"=1000'	ESN	CGT	3852-008	3/6/2014	4 of 18

HoustonEngineering Inc.

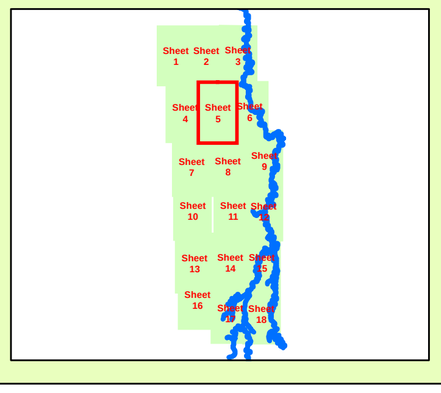
Path: Z:\3800\3852\00_3852_008\GIS\Drain27_OldLidarLS\FargoPh7100yrMapping.mxd 3/6/2014 5:23:57 PM (enelson)

USACE 1-percent chance floodplain
(River Stage 41ft)
Mapping Storage Areas
Mapping Cross Sections
Rivers & Drains
Mapping Limits

N
W E
S

0 500 1,000 2,000
Feet

Vertical Datum: NAVD 1988



USACE 1-percent chance floodplain (River Stage 41 feet)

Scale:	Drawn by:	Checked by:	Project No :	Date:	Sheet:
1"=1000'	ESN	CGT	3852-008	3/6/2014	5 of 18

HoustonEngineering Inc.

Path: Z:\3800\3852\00_3852_008\GIS\Drain27_OldLidarLS\FargoPh7100yrMapping.mxd 3/6/2014 5:30:16 PM (enelson)

USACE 1-percent chance floodplain (River Stage 41ft)
Mapping Storage Areas
Mapping Cross Sections
Rivers & Drains
Mapping Limits

0 500 1,000 2,000 Feet

Vertical Datum: NAVD 1988

USACE 1-percent chance floodplain (River Stage 41 feet)

Scale:	Drawn by:	Checked by:	Project No :	Date:	Sheet:
1"=1000'	ESN	CGT	3852-008	3/6/2014	6 of 18

HoustonEngineering Inc.

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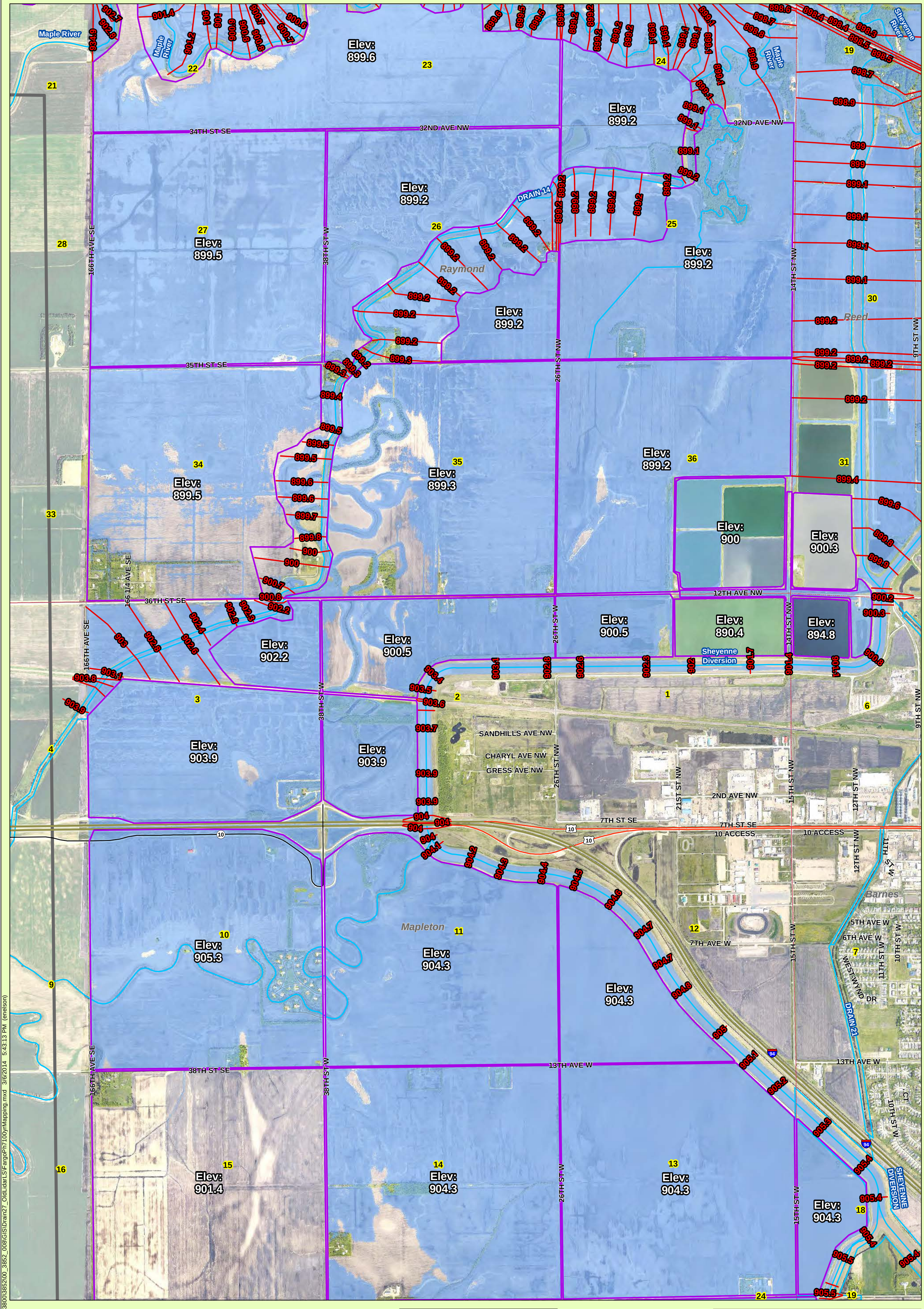

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USACE 1-percent chance floodplain (River Stage 41ft)

Mapping Storage Areas

Mapping Cross Sections

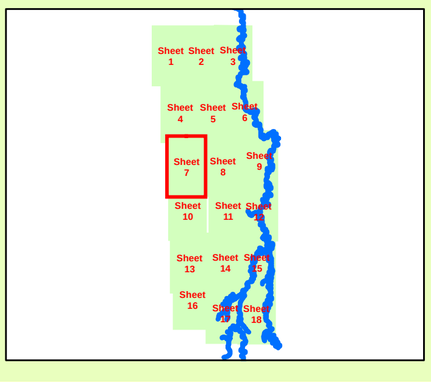
Rivers & Drains

Mapping Limits

N W E S

0 500 1,000 2,000 Feet

Vertical Datum: NAVD 1988



USACE 1-percent chance floodplain (River Stage 41 feet)

Scale:	Drawn by:	Checked by:	Project No :	Date:	Sheet:
1"=1000'	ESN	CGT	3852-008	3/6/2014	7 of 18

Houston Engineering Inc.

USACE 1-percent chance floodplain (River Stage 41ft)

Mapping Storage Areas

Mapping Cross Sections

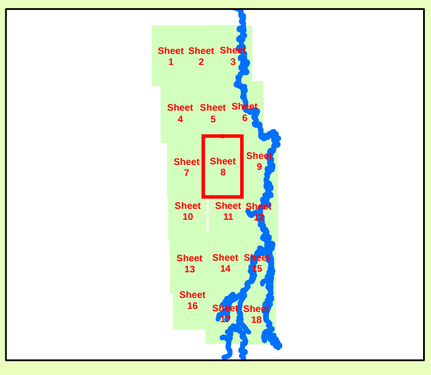
Rivers & Drains

Mapping Limits

N W E S

0 500 1,000 2,000 Feet

Vertical Datum: NAVD 1988



USACE 1-percent chance floodplain (River Stage 41 feet)

Scale:	Drawn by:	Checked by:	Project No :	Date:	Sheet:
1"=1000'	ESN	CGT	3852-008	3/6/2014	8 of 18

HoustonEngineering Inc.

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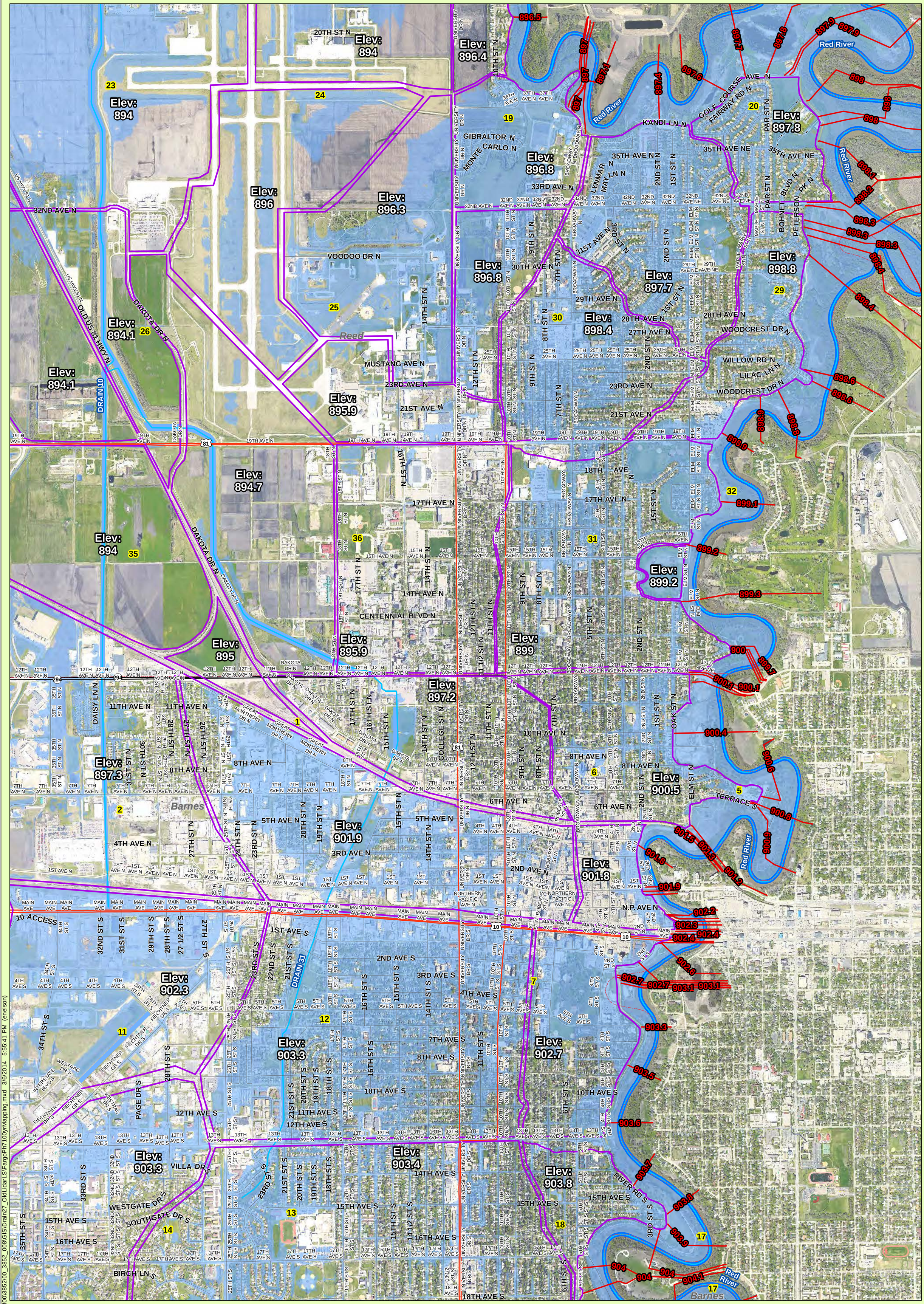

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USACE 1-percent chance floodplain (River Stage 41ft)

Mapping Storage Areas

Mapping Cross Sections

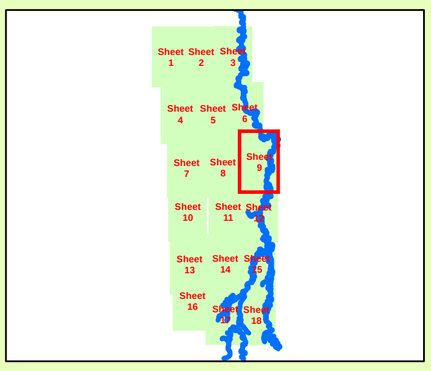
Rivers & Drains

Mapping Limits

N W E S

0 500 1,000 2,000 Feet

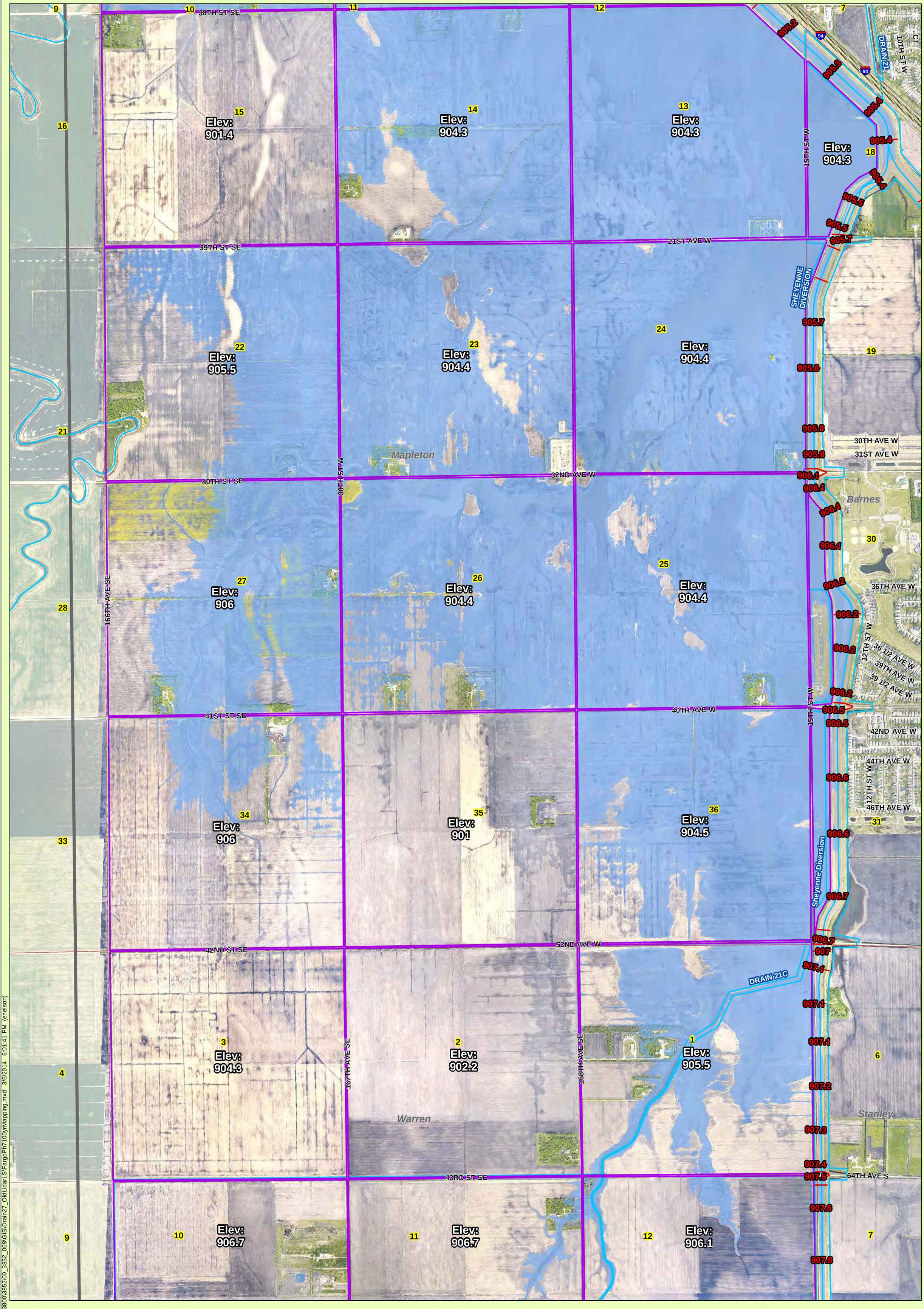
Vertical Datum: NAVD 1988



USACE 1-percent chance floodplain (River Stage 41 feet)

Scale:	Drawn by:	Checked by:	Project No :	Date:	Sheet:
1"=1000'	ESN	CGT	3852-008	3/6/2014	9 of 18

HoustonEngineering Inc.

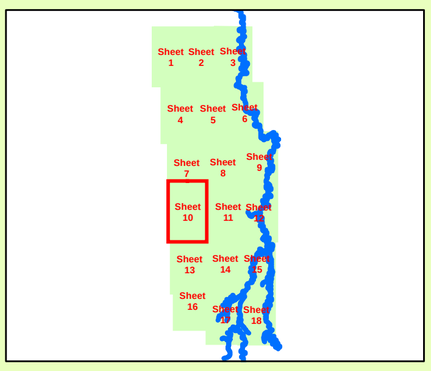


USACE 1-percent chance floodplain (River Stage 41ft)
Mapping Storage Areas
Mapping Cross Sections
Rivers & Drains
Mapping Limits

N W E S

0 500 1,000 2,000 Feet

Vertical Datum: NAVD 1988



USACE 1-percent chance floodplain (River Stage 41 feet)

Scale:	Drawn by:	Checked by:	Project No :	Date:	Sheet:
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HoustonEngineering Inc.

Path: Z:\3800\3852\00_3852_008\GIS\Drain27_OldLidarLS\FargoPh7100yrMapping.mxd 3/6/2014 6:01:41 PM (enelson)

USACE 1-percent chance floodplain (River Stage 41ft)

Mapping Storage Areas

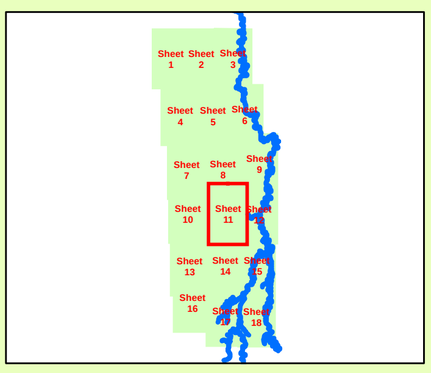
Mapping Cross Sections

Rivers & Drains

Mapping Limits

0 500 1,000 2,000 Feet

Vertical Datum: NAVD 1988



USACE 1-percent chance floodplain (River Stage 41 feet)

Scale:	Drawn by:	Checked by:	Project No :	Date:	Sheet:
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HoustonEngineering Inc.

Path: Z:\3800\3852\00_3852_008\GIS\Drain27_OldLidarLS\FargoPh7100yrMapping.mxd 3/6/2014 6:09:00 PM (enelson)

USACE 1-percent chance floodplain (River Stage 41ft)

Mapping Storage Areas

Mapping Cross Sections

Rivers & Drains

Mapping Limits

N W E S

0 500 1,000 2,000 Feet

Vertical Datum: NAVD 1988

USACE 1-percent chance floodplain (River Stage 41 feet)

Scale:	Drawn by:	Checked by:	Project No :	Date:	Sheet:
1"=1000'	ESN	CGT	3852-008	3/6/2014	12 of 18

HoustonEngineering Inc.

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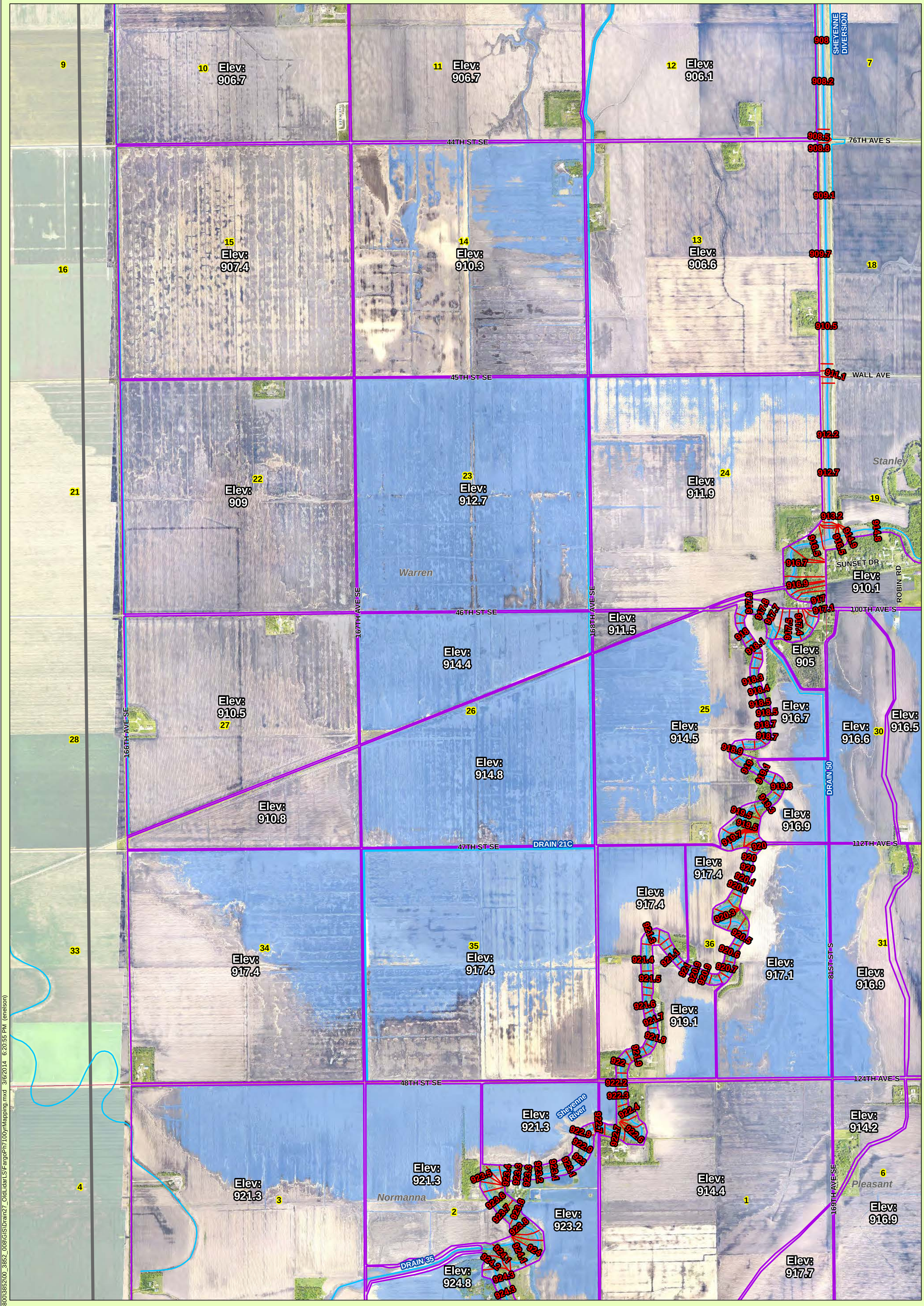
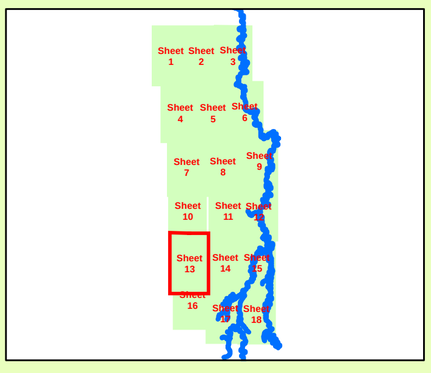


USACE 1-percent chance floodplain (River Stage 41ft)
Mapping Storage Areas
Mapping Cross Sections
Rivers & Drains
Mapping Limits

N W E S

0 500 1,000 2,000 Feet

Vertical Datum: NAVD 1988



USACE 1-percent chance floodplain (River Stage 41 feet)

Scale:	Drawn by:	Checked by:	Project No :	Date:	Sheet:
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HoustonEngineering Inc.

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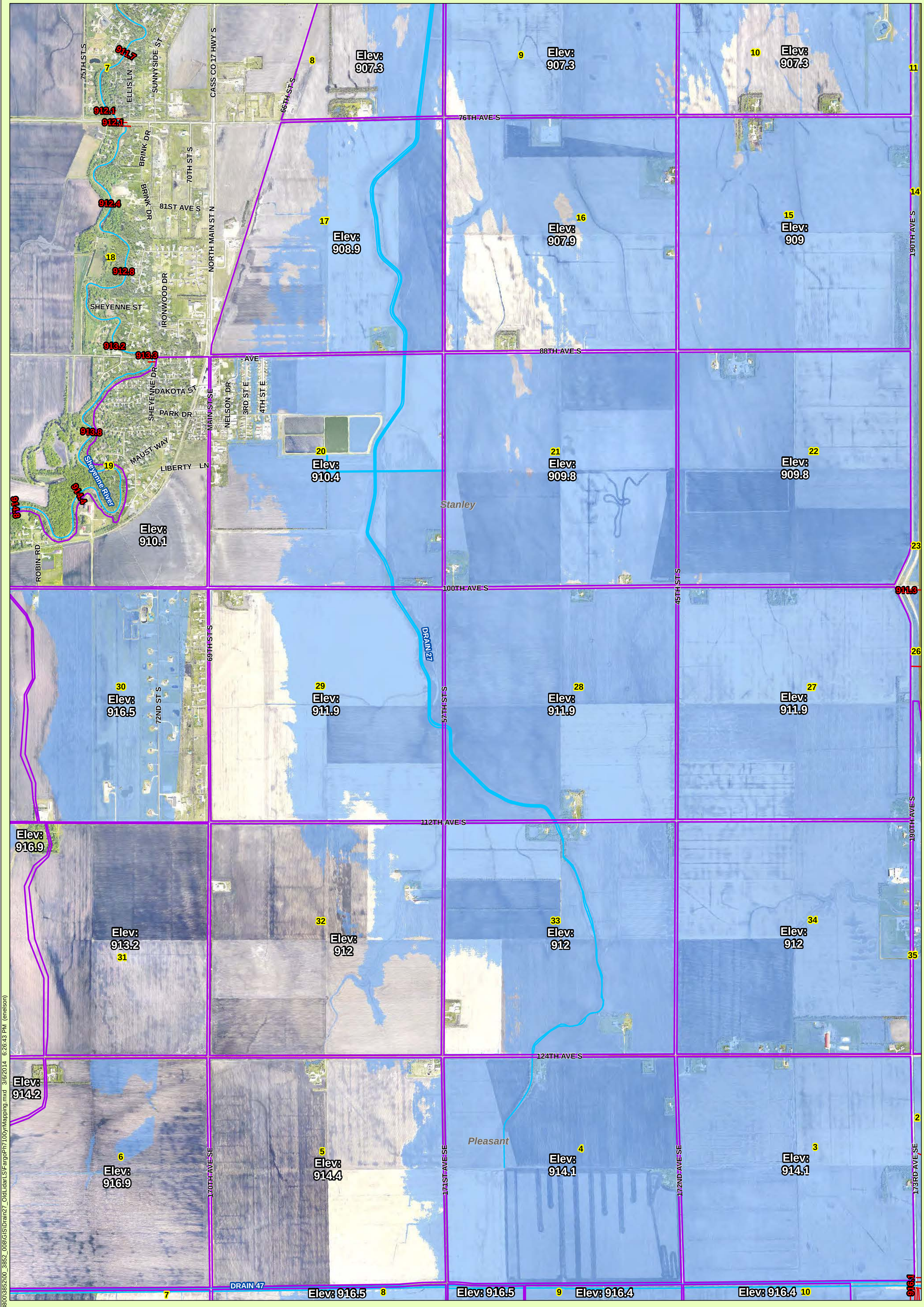


USACE 1-percent chance floodplain (River Stage 41ft)

Mapping Storage Areas

Mapping Cross Sections

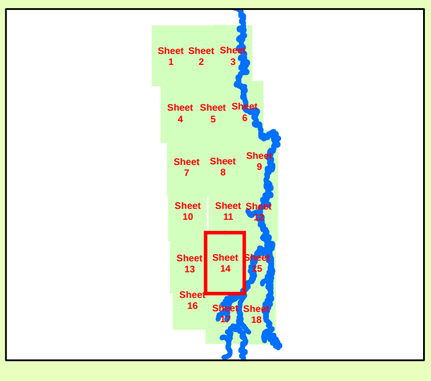
Rivers & Drains

Mapping Limits

N W E S

0 500 1,000 2,000 Feet

Vertical Datum: NAVD 1988



USACE 1-percent chance floodplain (River Stage 41 feet)

Scale:	Drawn by:	Checked by:	Project No :	Date:	Sheet:
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HoustonEngineering Inc.

Path: Z:\3800\3852\00_3852_008\GIS\Drain27_OldLidarLS\FargoPh7100yrMapping.mxd 3/6/2014 6:26:43 PM (enelson)

USACE 1-percent chance floodplain (River Stage 41ft)
Mapping Storage Areas
Mapping Cross Sections
Rivers & Drains
Mapping Limits

0 500 1,000 2,000 Feet

Vertical Datum: NAVD 1988

USACE 1-percent chance floodplain (River Stage 41 feet)

Scale:	Drawn by:	Checked by:	Project No :	Date:	Sheet:
1"=1000'	ESN	CGT	3852-008	3/6/2014	15 of 18

HoustonEngineering Inc.

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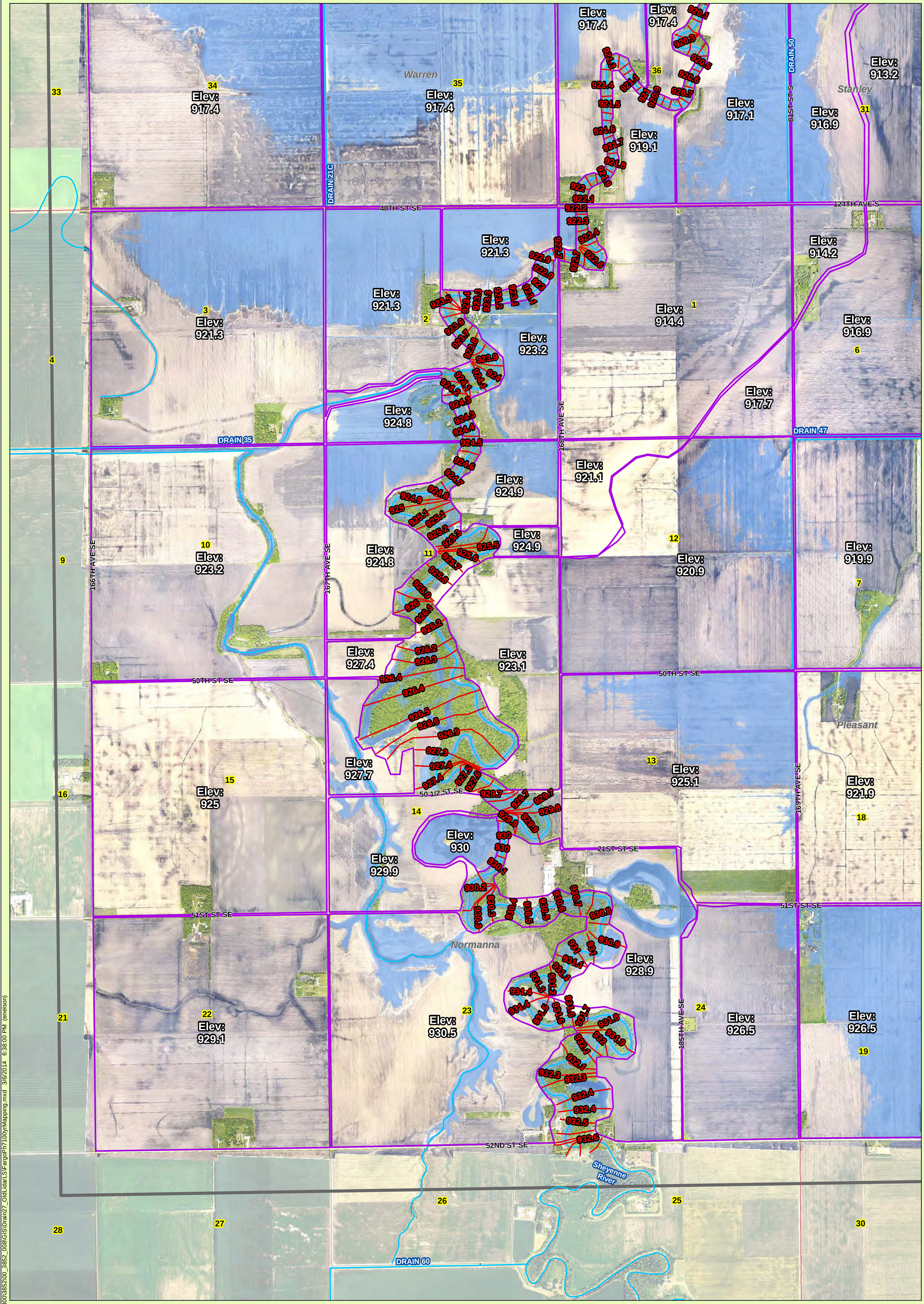
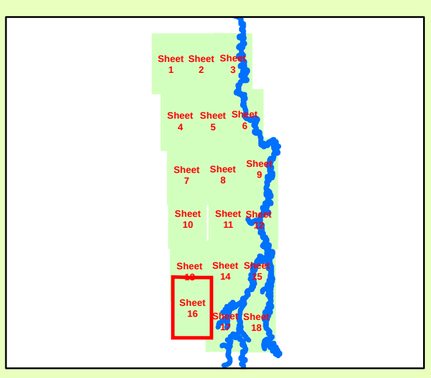


USACE 1-percent chance floodplain (River Stage 41ft)
Mapping Storage Areas
Mapping Cross Sections
Rivers & Drains
Mapping Limits

N W E S

0 500 1,000 2,000 Feet

Vertical Datum: NAVD 1988



USACE 1-percent chance floodplain (River Stage 41 feet)

Scale:	Drawn by:	Checked by:	Project No :	Date:	Sheet:
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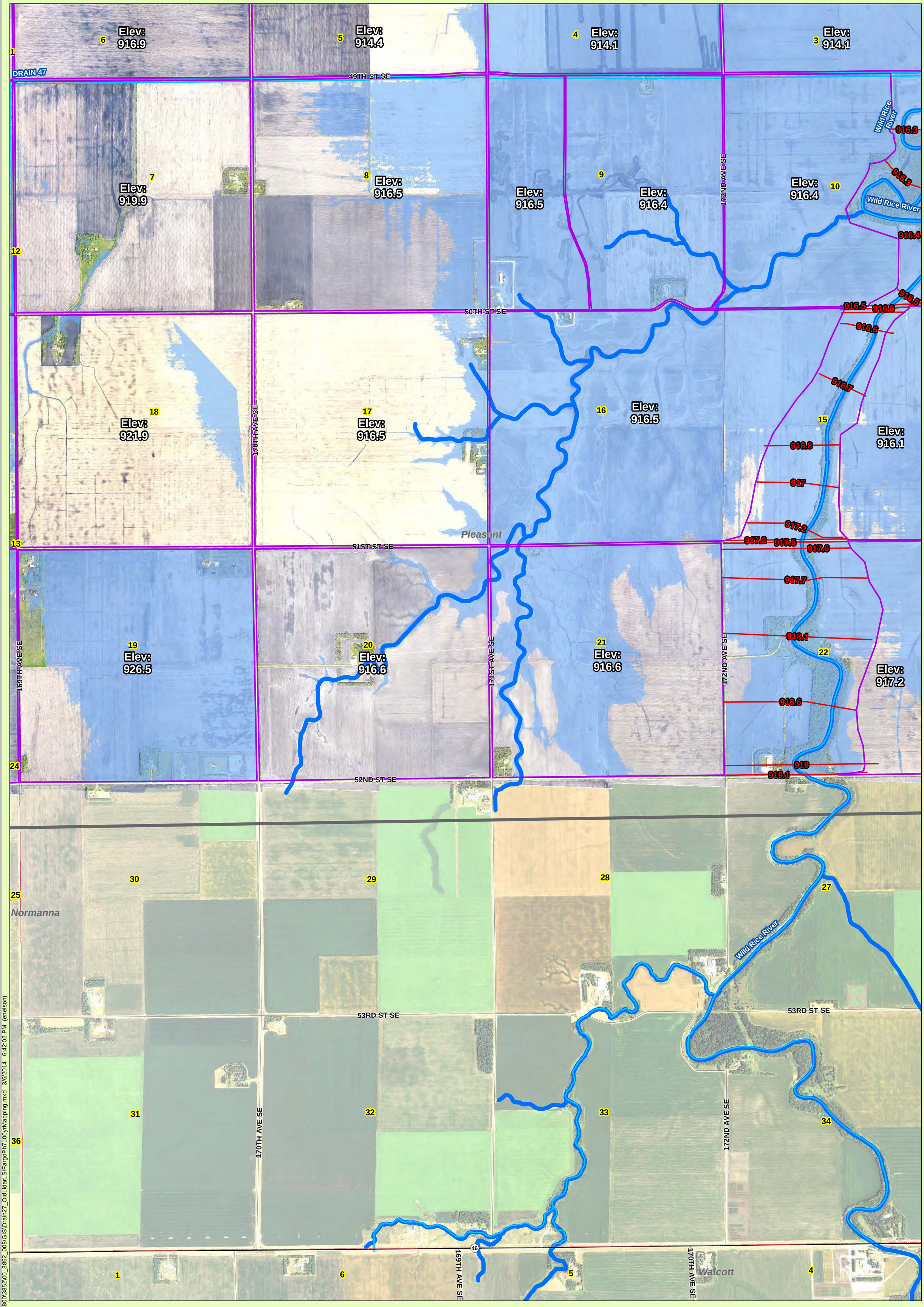
HoustonEngineering Inc.

Path: Z:\3800\3852\00_3852_008\GIS\Drain27_OldLidarLS\FargoPh7100yrMapping.mxd 3/6/2014 6:38:00 PM (enelson)

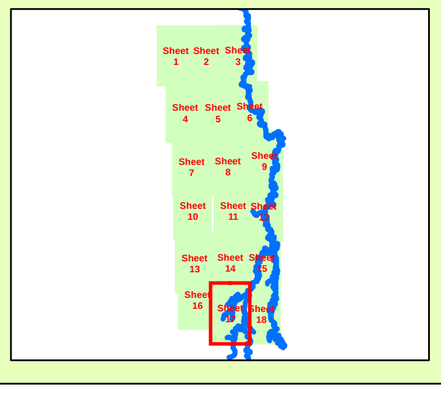


USACE 1-percent chance floodplain (River Stage 41ft)
Mapping Storage Areas
Mapping Cross Sections
Rivers & Drains
Mapping Limits

N W E S

0 500 1,000 2,000 Feet

Vertical Datum: NAVD 1988



USACE 1-percent chance floodplain (River Stage 41 feet)

Scale:	Drawn by:	Checked by:	Project No :	Date:	Sheet:
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HoustonEngineering Inc.

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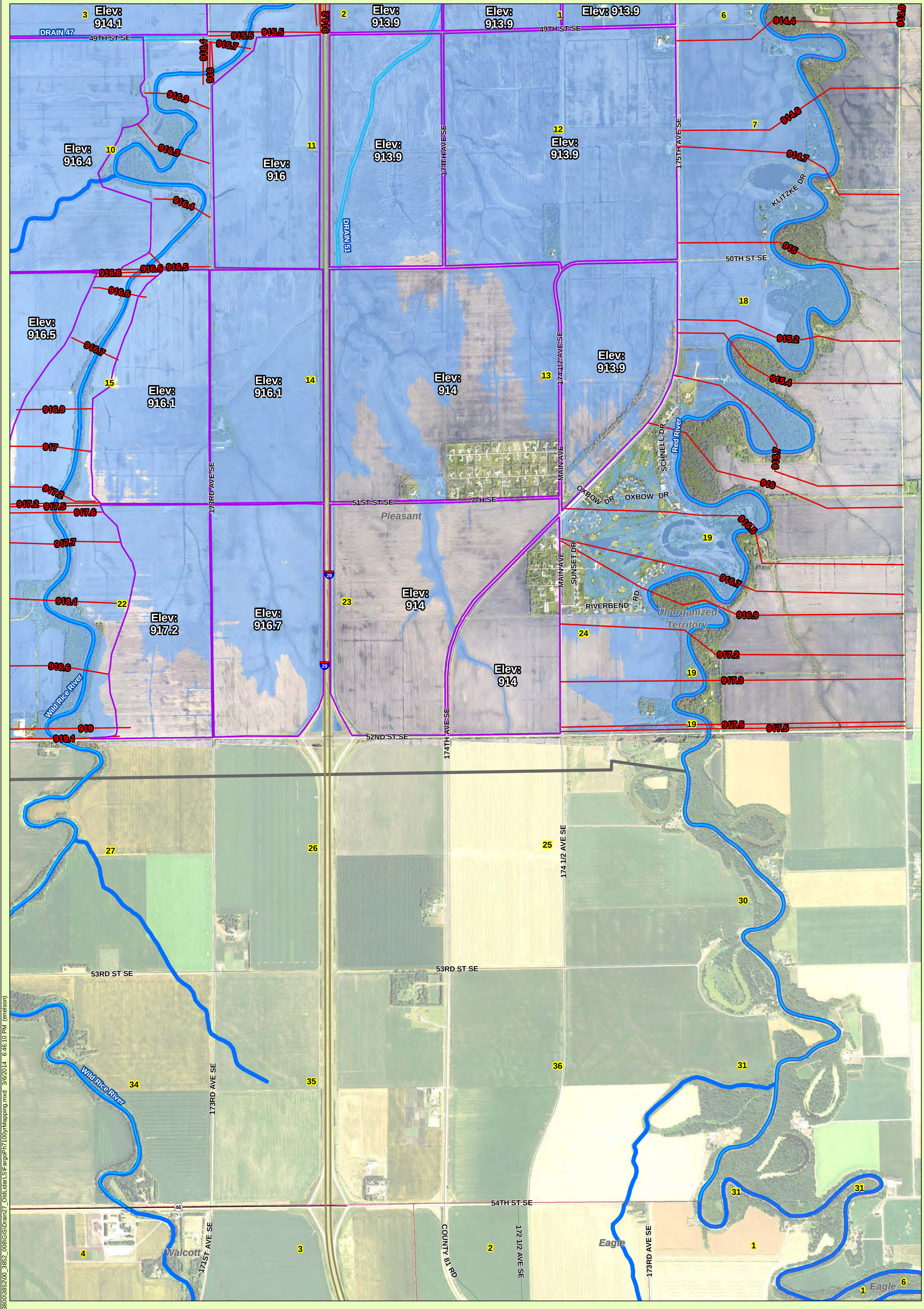

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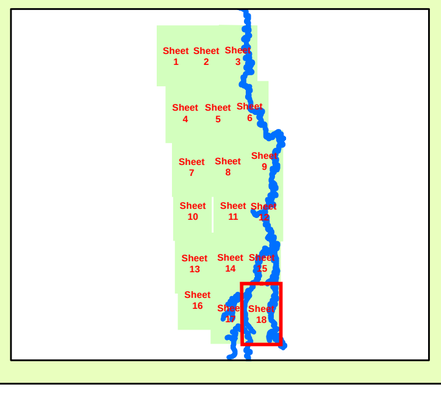
USACE 1-percent chance floodplain (River Stage 41ft)
Mapping Storage Areas
Mapping Cross Sections
Rivers & Drains
Mapping Limits

N W E S

0 500 1,000 2,000 Feet

Vertical Datum: NAVD 1988



USACE 1-percent chance floodplain (River Stage 41 feet)

Scale:	Drawn by:	Checked by:	Project No :	Date:	Sheet:
1"=1000'	ESN	CGT	3852-008	3/6/2014	18 of 18

Houston Engineering Inc.