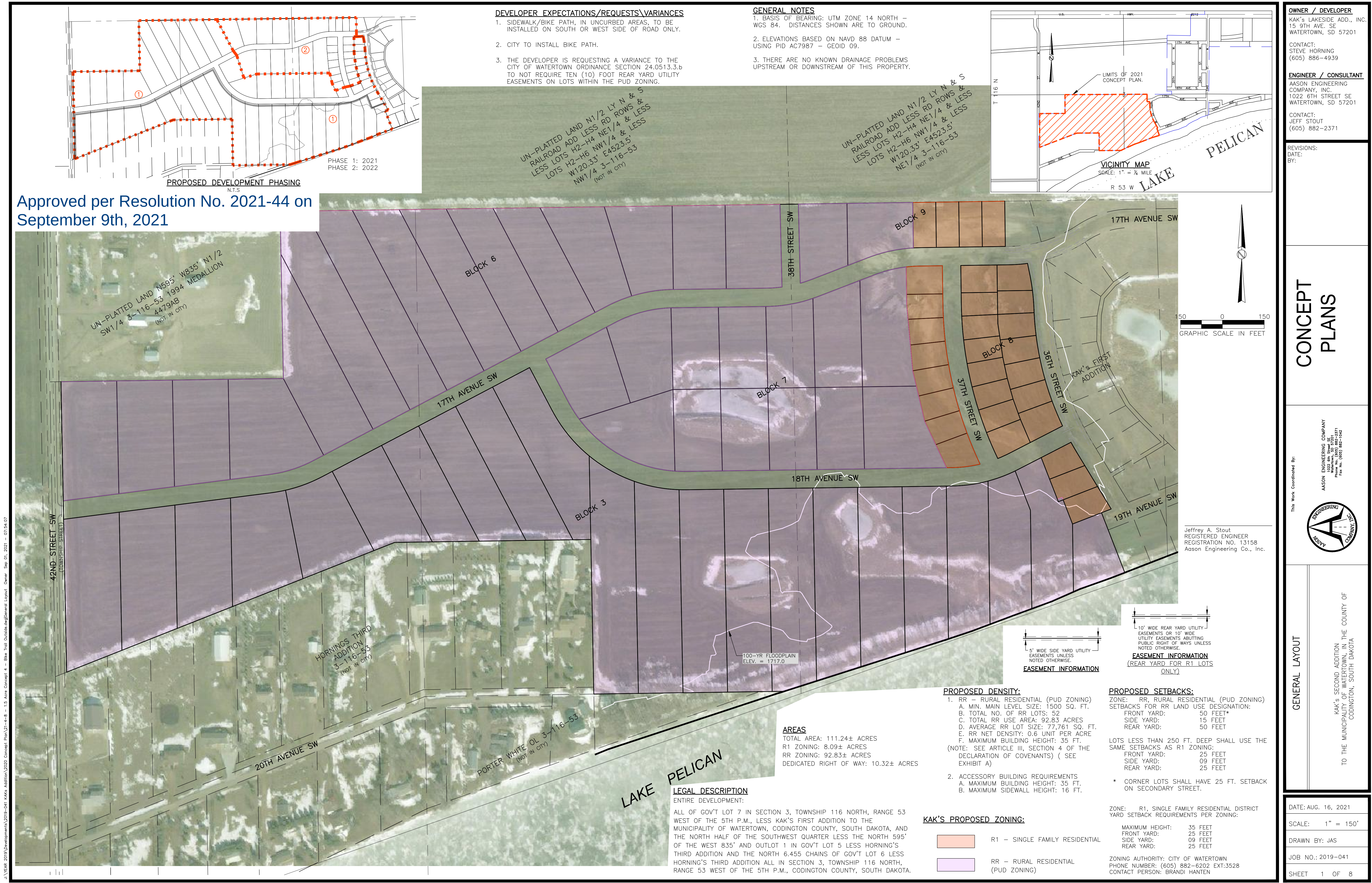
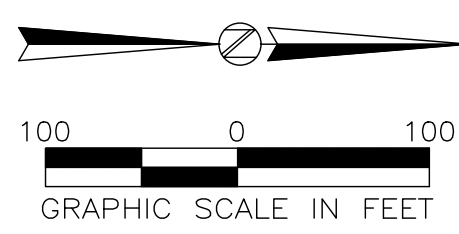
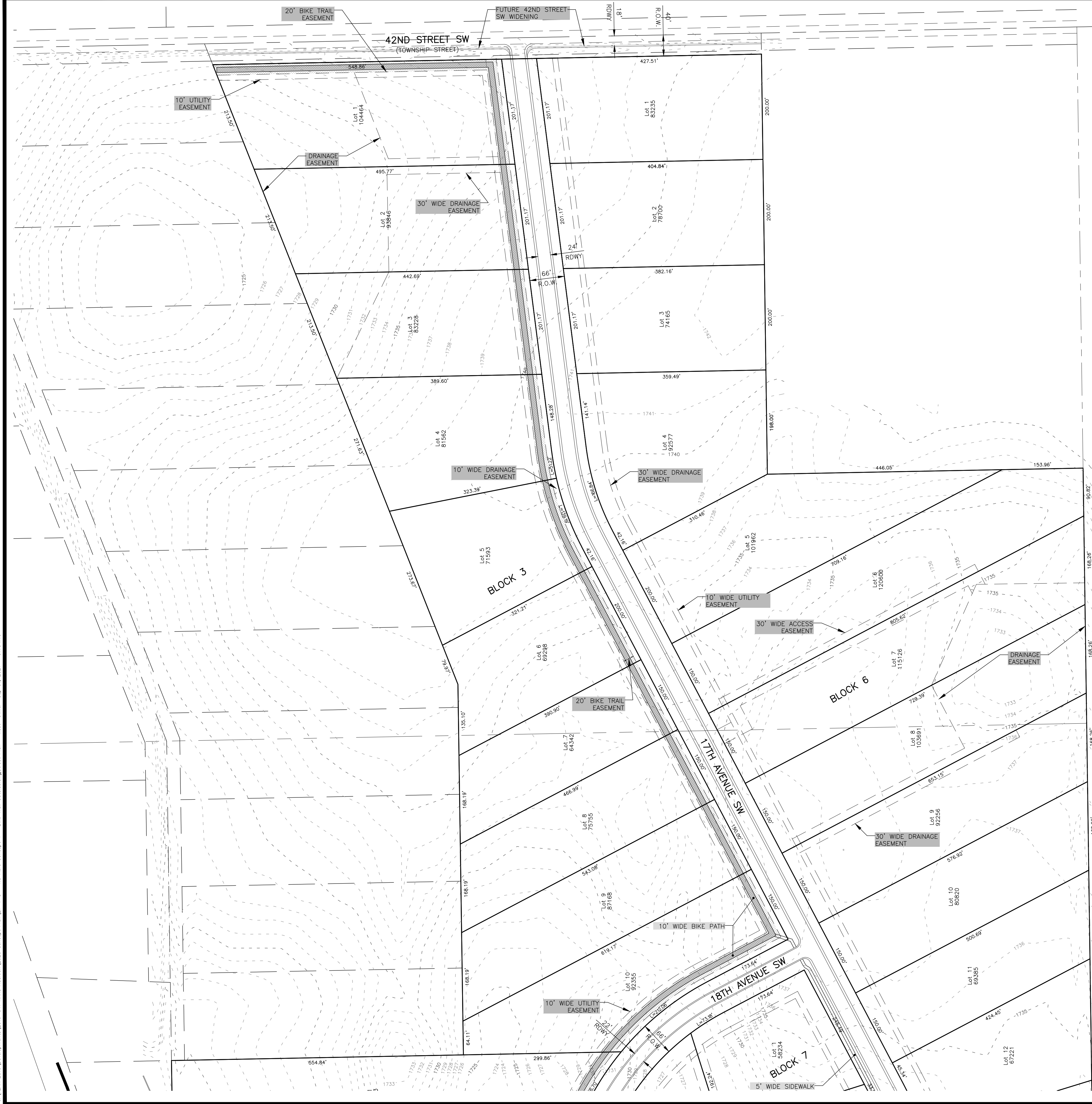


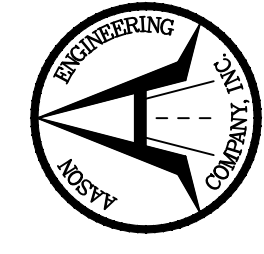
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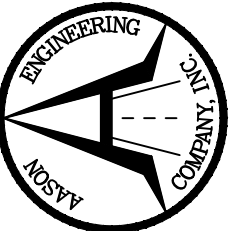


Jeffrey A. Stout
REGISTERED ENGINEER
REGISTRATION NO. 13158
Aason Engineering Co., Inc.

OWNER / DEVELOPER KAK's LAKESIDE ADD., INC. 15 9TH AVE. SE WATERTOWN, SD 57201 CONTACT: STEVE HORNING (605) 886-4939	
ENGINEER / CONSULTANT AASON ENGINEERING COMPANY, INC. 1022 6TH STREET SE WATERTOWN, SD 57201 CONTACT: JEFF STOUT (605) 882-2371	
REVISIONS: DATE: BY:	
CONCEPT PLANS	
This Work Coordinated By: 	AASON ENGINEERING COMPANY 1022 6TH STREET SE WATERTOWN, SD 57201 Phone No. (605) 882-2371 Fax No. (605) 882-1942
STREET PLAN - WEST HALF KAK's SECOND ADDITION TO THE MUNICIPALITY OF WATERTOWN, IN THE COUNTY OF CODINGTON, SOUTH DAKOTA	
DATE: AUG. 16, 2021 SCALE: 1" = 100' DRAWN BY: JAS JOB NO.: 2019-041 SHEET 2 OF 8	

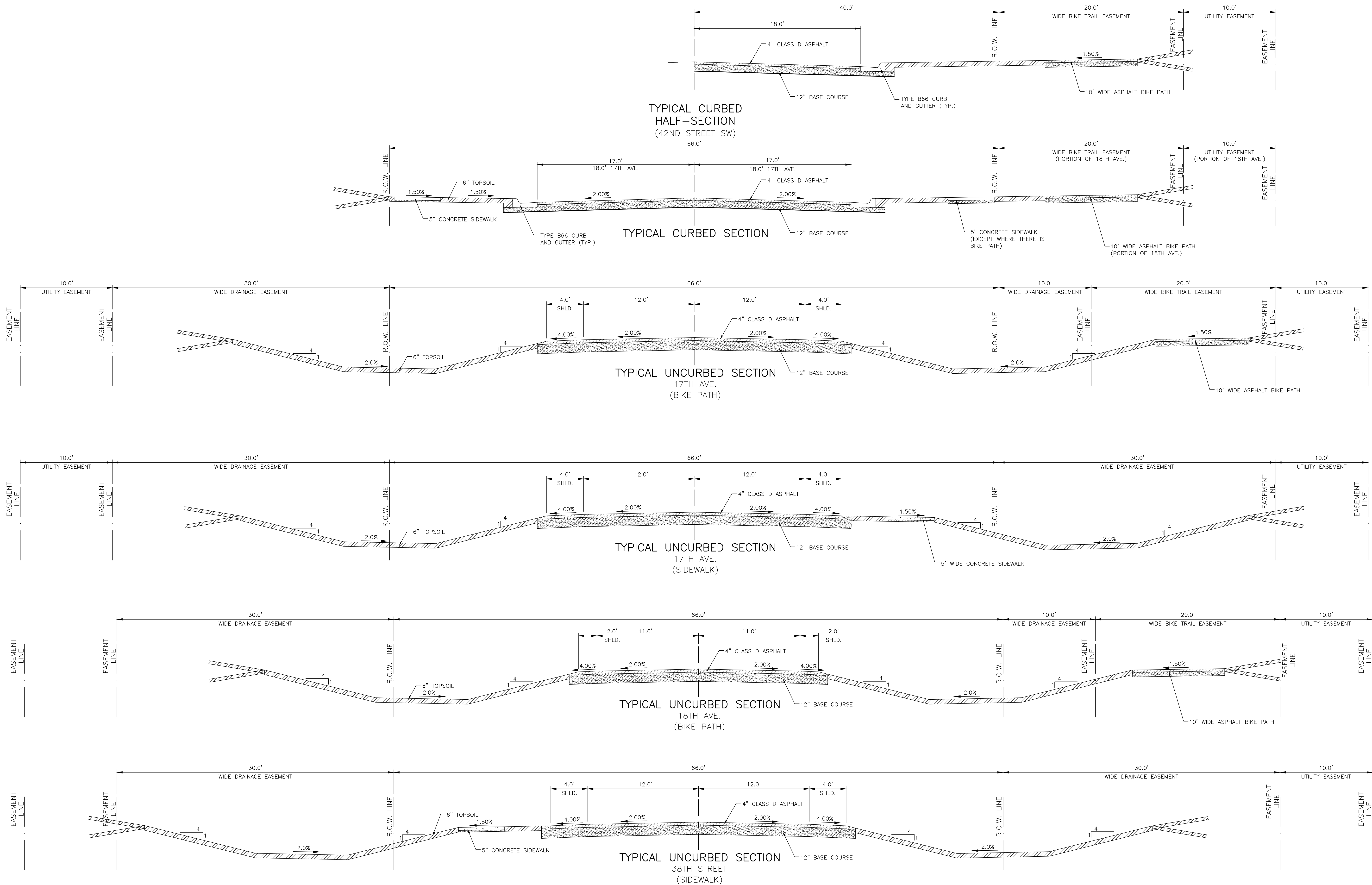
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OWNER / DEVELOPER KAK's LAKESIDE ADD., INC. 15 9TH AVE. SE WATERTOWN, SD 57201 CONTACT: STEVE HORNING (605) 886-4939	
ENGINEER / CONSULTANT AASON ENGINEERING COMPANY, INC. 1022 6TH STREET SE WATERTOWN, SD 57201 CONTACT: JEFF STOUT (605) 882-2371	
REVISIONS: DATE: BY:	
CONCEPT PLANS	
This Work Coordinated By:  AASON ENGINEERING COMPANY 1022 6TH STREET SE WATERTOWN, SD 57201 Phone No. (605) 882-2371 Fax No. (605) 886-1424	
STREET PLAN - EAST HALF KAK's SECOND ADDITION TO THE MUNICIPALITY OF WATERTOWN, IN THE COUNTY OF CODINGTON, SOUTH DAKOTA	
DATE: AUG. 16, 2021	
SCALE: 1" = 100'	
DRAWN BY: JAS	
JOB NO.: 2019-041	
SHEET 3 OF 8	

Jeffrey A. Stout
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J:\YEAR 2019\Developments\2019-041 KAKs Addition\2020 Concept Plan\21-4-8 - 1.5 Acre Concept_4 - Bike Trail Outside.dwg|Typical Sections Owner Sep 01, 2021 - 07:54:21



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CONTACT:
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DATE:
BY:

CONCEPT PLANS

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AASON ENGINEERING COMPANY

TYPICAL SECTIONS

KAK's SECOND ADDITION
TO THE MUNICIPALITY OF WATERTOWN, IN THE COUNTY OF
CODINGTON, SOUTH DAKOTA

DATE: AUG. 16, 2021

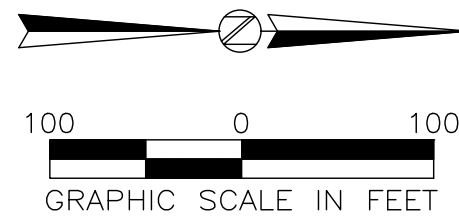
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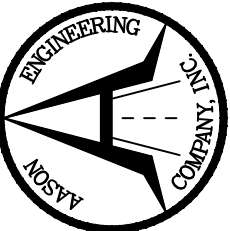
JOB NO.: 2019-041

SHEET 4 OF 8

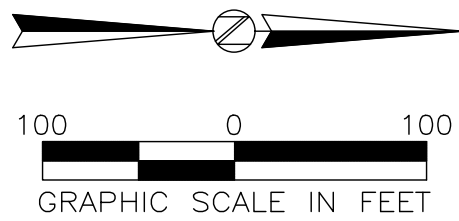
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OWNER / DEVELOPER KAK's LAKESIDE ADD., INC. 15 9TH AVE. SE WATERTOWN, SD 57201 CONTACT: STEVE HORNING (605) 886-4939	
ENGINEER / CONSULTANT AASON ENGINEERING COMPANY, INC. 1022 6TH STREET SE WATERTOWN, SD 57201 CONTACT: JEFF STOUT (605) 882-2371	
REVISIONS: DATE: BY:	
CONCEPT PLANS	
This Work Coordinated By:  AASON ENGINEERING COMPANY 1022 6TH STREET SE WATERTOWN, SD 57201 Phone No. (605) 882-2371 Fax No. (605) 882-1442	
UTILITY PLAN -- WEST HALF KAK's SECOND ADDITION TO THE MUNICIPALITY OF WATERTOWN, IN THE COUNTY OF CODINGTON, SOUTH DAKOTA	
DATE: AUG. 16, 2021	
SCALE: 1" = 100'	
DRAWN BY: JAS	
JOB NO.: 2019-041	
SHEET 5 OF 8	

J:\YEAR 2019\Developments\2019-041 KAKs Addition\2020 Concept Plan\21-4-8 - 1.5 Acre Concept 4 - Blk. Trail Outside Anglility Plan - East Owner Sep 01, 2021 - 07:54:30



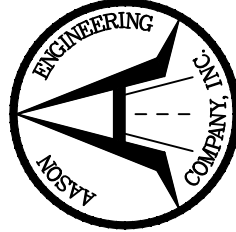
Jeffrey A. Stout
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REGISTRATION NO. 13158
Aason Engineering Co., Inc.

UTILITY PLAN – EAST HALF

KAK's SECOND ADDITION
TO THE MUNICIPALITY OF WATERTOWN, IN THE COUNTY OF
CODINGTON, SOUTH DAKOTA

DATE: AUG. 16, 2021
SCALE: 1" = 100'
DRAWN BY: JAS
JOB NO.: 2019-041
SHEET 6 OF 8

This Work Coordinated By:



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Fax No. (605) 886-1424

CONCEPT PLANS

REVISIONS:
DATE:
BY:

ENGINEER / CONSULTANT

AASON ENGINEERING
COMPANY, INC.
1022 6TH STREET SE
WATERTOWN, SD 57201

CONTACT:
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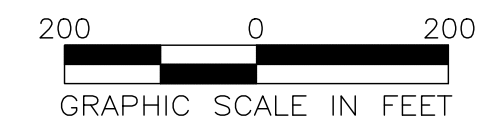
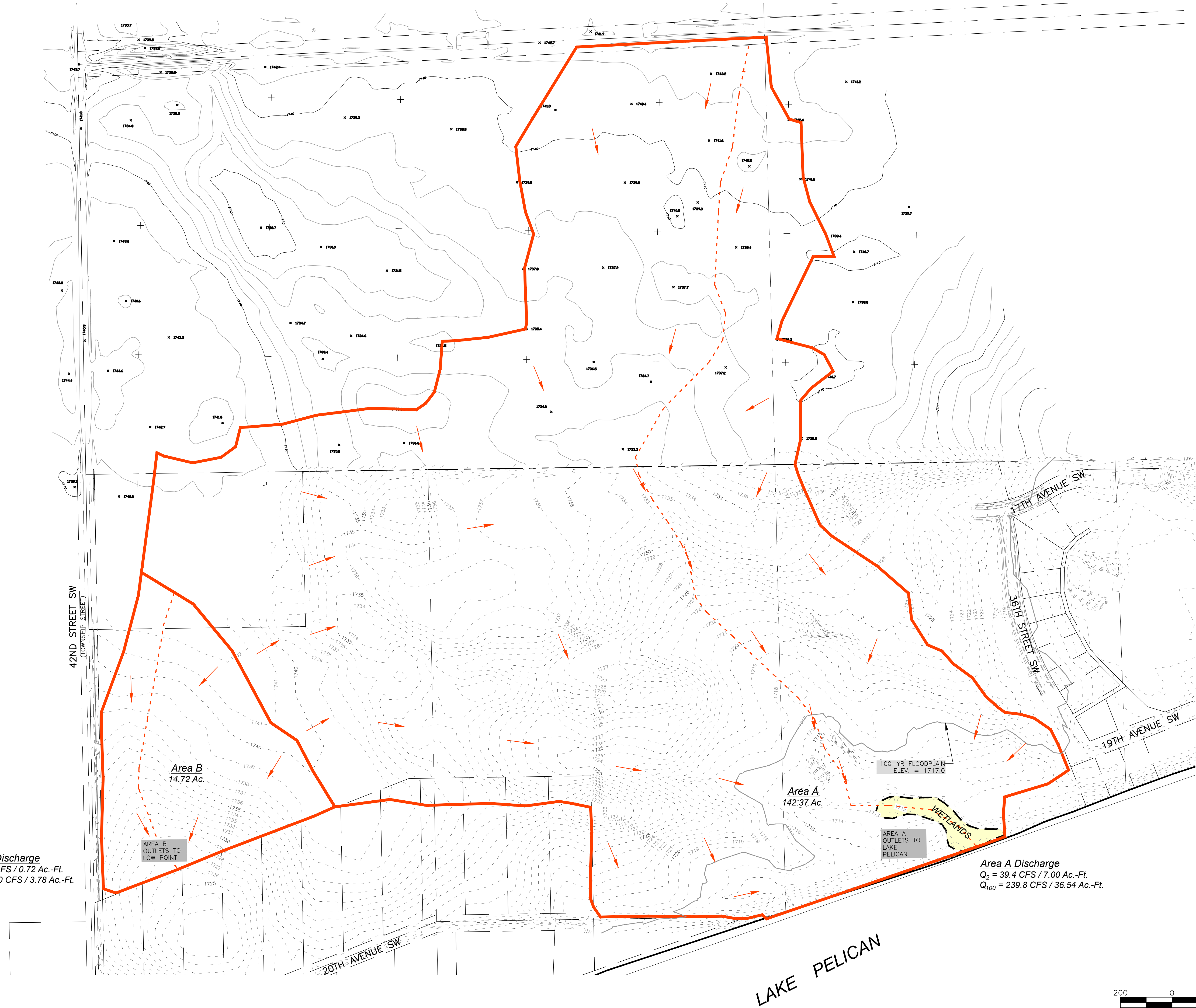
OWNER / DEVELOPER

KAK's LAKESIDE ADD., INC.
15 9TH AVE. SE
WATERTOWN, SD 57201

CONTACT:
STEVE HORNING
(605) 886-4939

J:\YEAR 2019\Developments\2019-041 KAKs Addition\2020 Concept Plan\21-4-8 - 1.5 Acre Concept_4 - Bldg Trail Outside.dwg|Pre-Dev DA Owner Sep 01, 2021 - 08:01:38

Area B Discharge
 $Q_2 = 6.1 \text{ CFS} / 0.72 \text{ Ac.-Ft.}$
 $Q_{100} = 39.0 \text{ CFS} / 3.78 \text{ Ac.-Ft.}$



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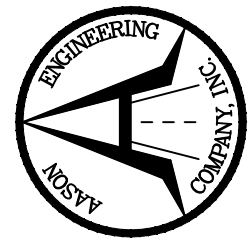
CONTACT:
JEFF STOUT
(605) 882-2371

REVISIONS:
DATE:
BY:

CONCEPT PLANS

This Work Coordinated By:

AASON ENGINEERING COMPANY
1022 6TH STREET SE
WATERTOWN, SD 57201
Phone No. (605) 882-2371
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PRE-DEVELOPED DRAINAGE ROUTE MAP

KAK's SECOND ADDITION
TO THE MUNICIPALITY OF WATERTOWN, IN THE COUNTY OF
CODINGTON, SOUTH DAKOTA

DATE: AUG. 16, 2021

SCALE: 1" = 200'

DRAWN BY: JAS

JOB NO.: 2019-041

SHEET 7 OF 8

J:\YEAR 2019\Developments\2019-041 KAKs Addition\2020 Concept Plan\21-4-8 - 1.5 Acre Concept_4 - Blue Trail Outside.dwg Post-Dev DTA Owner Sep 01, 2021 - 08:09:49

Area B Discharge
 $Q_2 = 0.0 \text{ CFS} / 0.0 \text{ Ac.-Ft.}$
 $Q_{100} = 0.0 \text{ CFS} / 0.0 \text{ Ac.-Ft.}$

PROPOSED STORM
WATER QUALITY &
DETENTION POND

Area B
14.77 Ac.

PROPOSED OUTLET
CONTROL STRUCTURE

PROPOSED STORM
WATER QUALITY &
DETENTION POND

BLOCK 6

PROPOSED STORM
WATER QUALITY &
DETENTION POND

PROPOSED OUTLET
CONTROL STRUCTURE

BLOCK 7

PROPOSED STORM
WATER QUALITY &
DETENTION POND

100-YR FLOODPLAIN
ELEV. = 1717.0

PROPOSED OUTLET
CONTROL STRUCTURE

Area A
148.36 Ac.

WETLANDS

AREA A
OUTLETS TO
LAKE PELICAN

Area A Discharge
 $Q_2 = 39.4 \text{ CFS} / 5.44 \text{ Ac.-Ft.}$
 $Q_{100} = 239.8 \text{ CFS} / 33.50 \text{ Ac.-Ft.}$

200 0 200
GRAPHIC SCALE IN FEET

Jeffrey A. Stout
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REGISTRATION NO. 13158
Aason Engineering Co., Inc.

POST-DEVELOPED DRAINAGE ROUTE MAP

KAK's SECOND ADDITION
TO THE MUNICIPALITY OF WATERTOWN, IN THE COUNTY OF
CODINGTON, SOUTH DAKOTA

DATE: AUG. 16, 2021

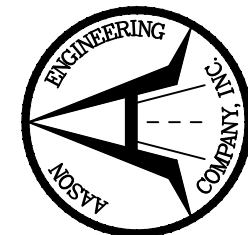
SCALE: 1" = 200'

DRAWN BY: JAS

JOB NO.: 2019-041

SHEET 8 OF 8

This Work Coordinated By:



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CONCEPT PLANS

REVISIONS:
DATE:
BY:

ENGINEER / CONSULTANT

AASON ENGINEERING
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1022 6TH STREET SE
WATERTOWN, SD 57201

CONTACT:
JEFF STOUT
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OWNER / DEVELOPER

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WATERTOWN, SD 57201

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