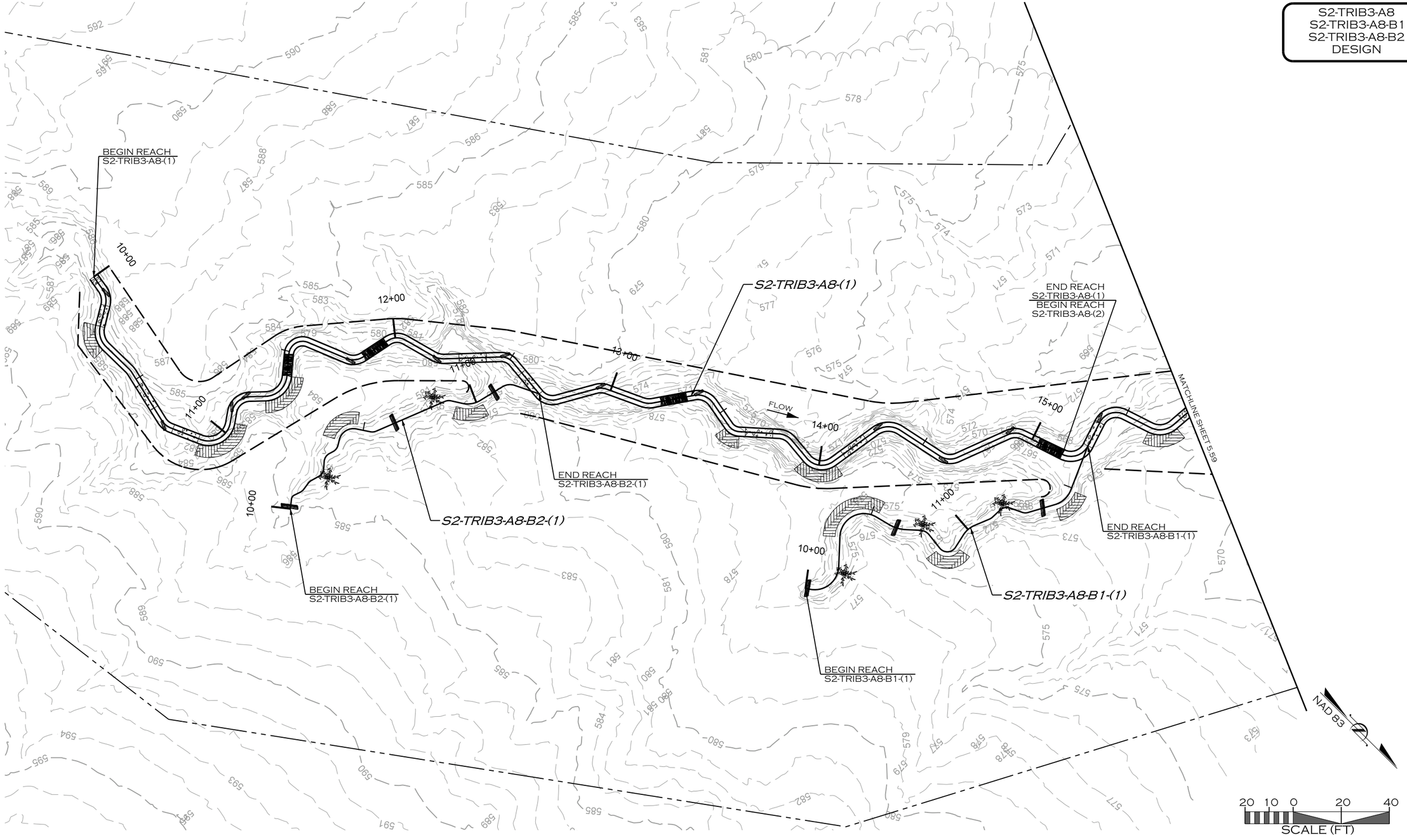
VOLUME NO.	SHEET NO.
VOL. 1	5.83

S2-TRIB3-A8
S2-TRIB3-A8-B1
S2-TRIB3-A8-B2
DESIGN



REVISIONS				
NO.	DESCRIPTION	ENGR.	APPROV.	DATE
1	DRAFT DESIGN PLANS	EMP	KLT	7/01/19

PREPARED FOR:

UPPER TRINITY REGIONAL WATER DISTRICT

900 N KEALY ST
LEWISVILLE, TX 75057

LAKE RALPH HALL MITIGATION
MITIGATION ZONE A
FANNIN COUNTY, TEXAS

PREPARED IN THE OFFICE OF:

ECOSYSTEM PLANNING & RESTORATION

17575 N. ELDRIDGE PARKWAY, BLDG. C
TOMBALL, TX 77377
TEXAS REGISTERED ENGINEERING FIRM F-14997

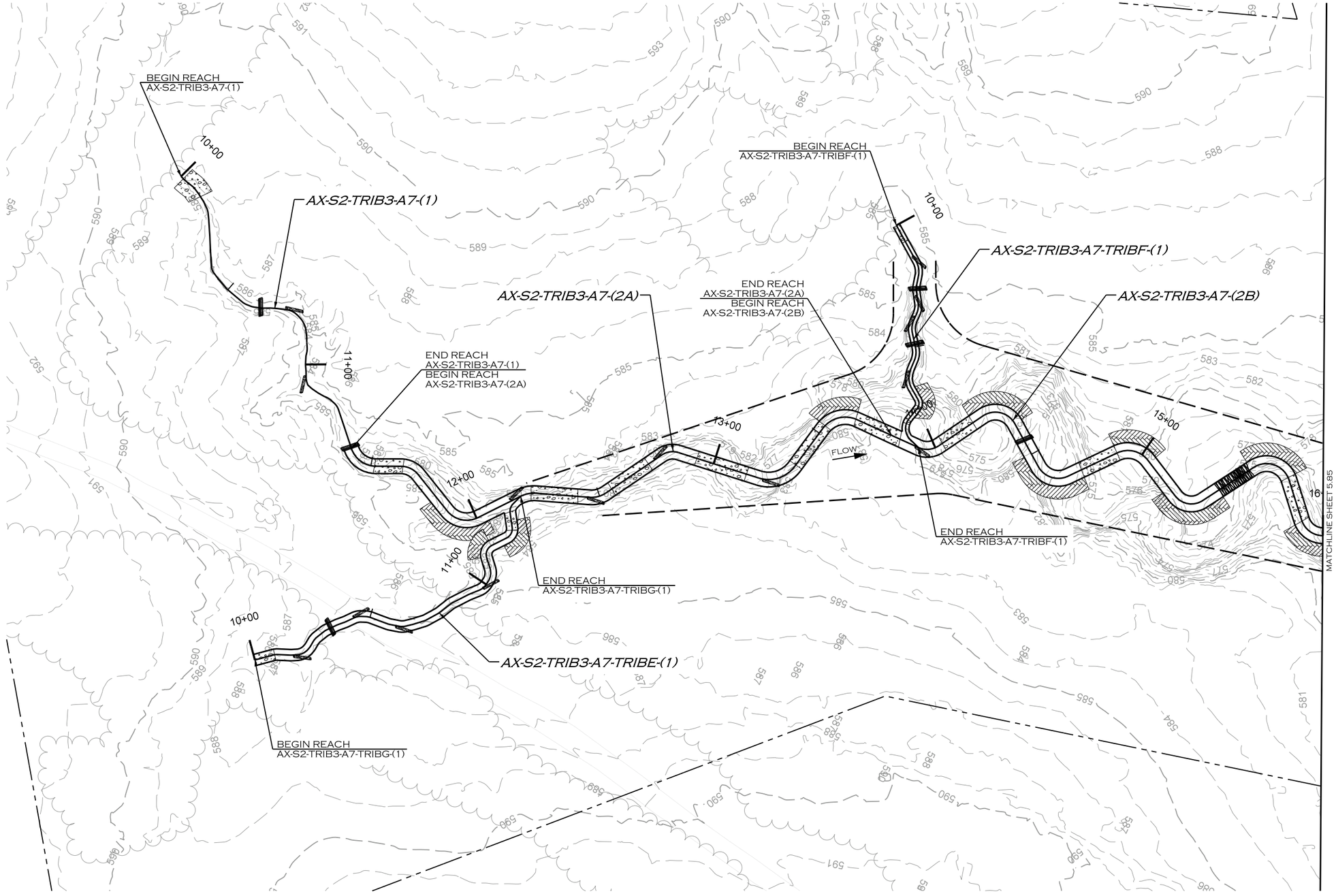
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JRICON

VOLUME NO. VOL. 1 | SHEET NO. 5.84

AX-S2-TRIB3-A7
AX-S2-TRIB3-A7-TRIBF
AX-S2-TRIB3-A7-TRIBG
DESIGN



REVISIONS				
NO.	DESCRIPTION	ENGR.	APPROV	DATE
1	DRAFT DESIGN PLANS	EMP	KLT	7/01/19

PREPARED FOR:

UPPER TRINITY REGIONAL WATER DISTRICT

900 N KEALY ST
LEWISVILLE, TX 75057

LAKE RALPH HALL MITIGATION
MITIGATION ZONE A
FANNIN COUNTY, TEXAS

PREPARED IN THE OFFICE OF:

ECOSYSTEM PLANNING & RESTORATION

17575 N. ELDRIDGE PARKWAY, BLDG. C
TOMBALL, TX 77377
TEXAS REGISTERED ENGINEERING FIRM F-14997

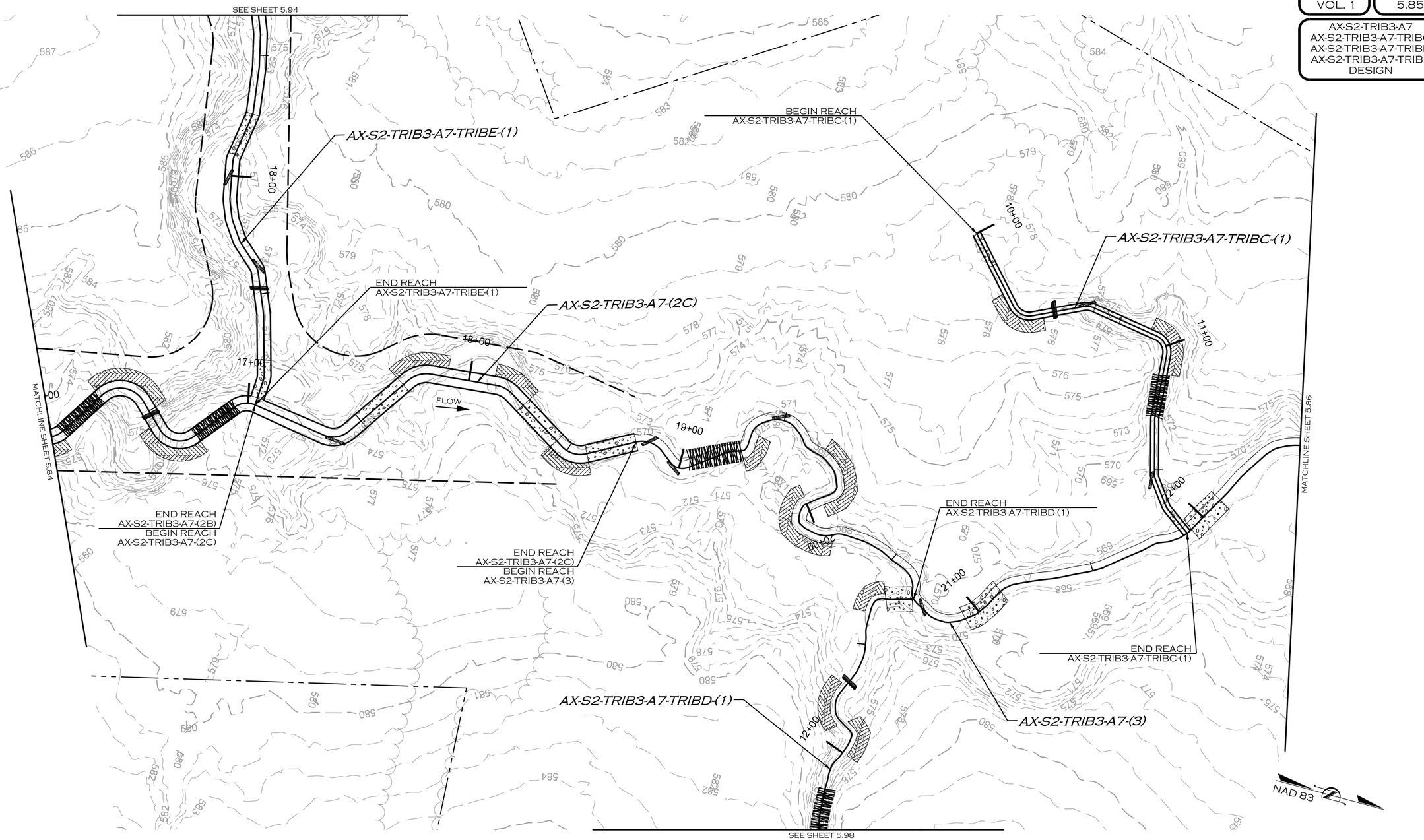
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MICOR

VOLUME NO. VOL. 1 | SHEET NO. 5.85

AX-S2-TRIB3-A7
AX-S2-TRIB3-A7-TRIBC
AX-S2-TRIB3-A7-TRIBD
AX-S2-TRIB3-A7-TRIBE
DESIGN



REVISIONS				
NO.	DESCRIPTION	ENGR.	APPROV	DATE
1	DRAFT DESIGN PLANS	EMP	KLT	7/01/19

PREPARED FOR:

UPPER TRINITY REGIONAL WATER DISTRICT

900 N KEALY ST
LEWISVILLE, TX 75057

LAKE RALPH HALL MITIGATION
MITIGATION ZONE A
FANNIN COUNTY, TEXAS

PREPARED IN THE OFFICE OF:

ECOSYSTEM PLANNING & RESTORATION

17575 N. ELDRIDGE PARKWAY, BLDG. C
TOMBALL, TX 77377
TEXAS REGISTERED ENGINEERING FIRM F-14997

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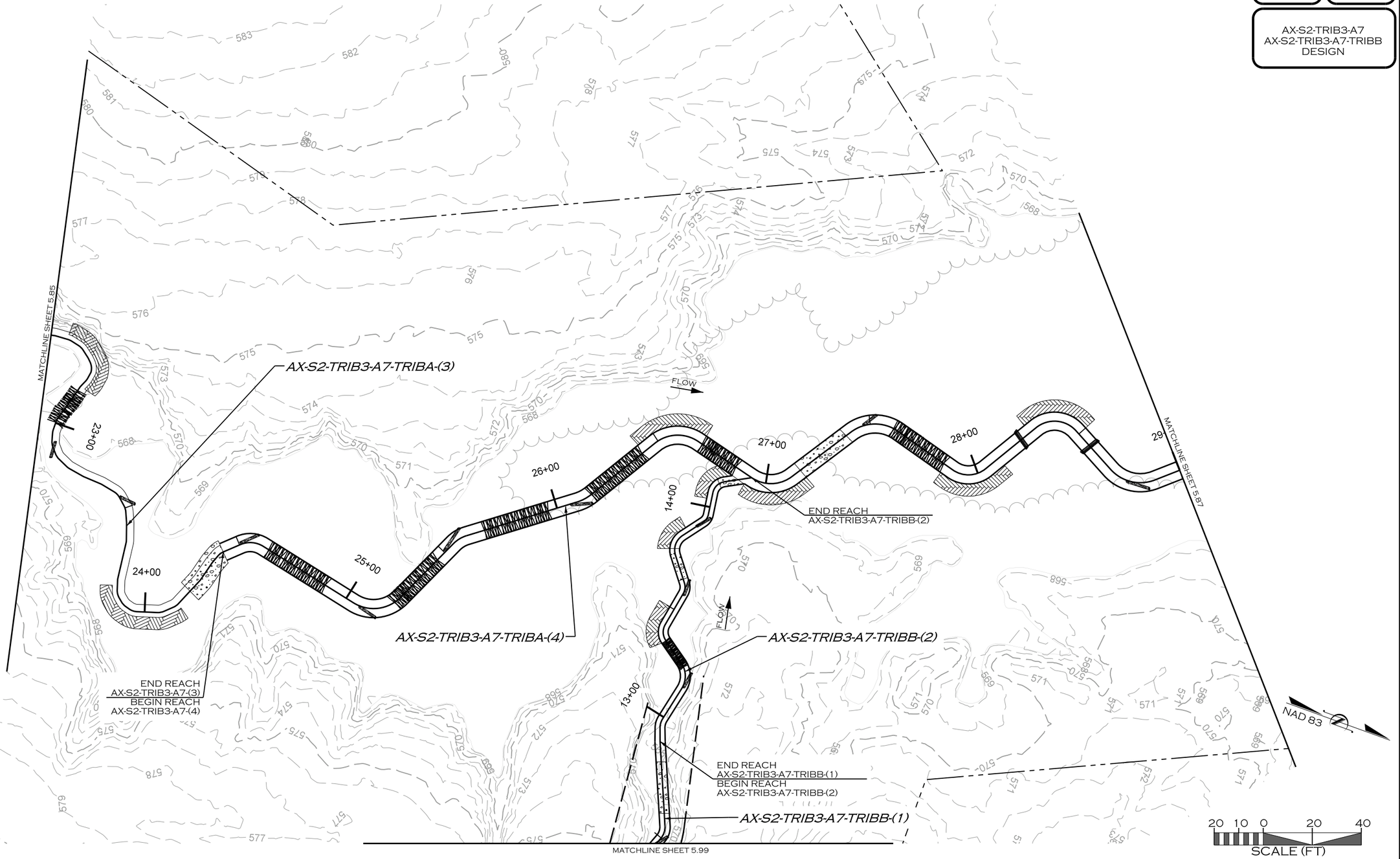
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MKOEN

VOLUME NO.
VOL. 1

SHEET NO.
5.86

AX-S2-TRIB3-A7
AX-S2-TRIB3-A7-TRIBB
DESIGN



REVISIONS				
NO.	DESCRIPTION	ENGR.	APPROV.	DATE
1	DRAFT DESIGN PLANS	EMP	KLT	7/01/19

PREPARED FOR:

UPPER TRINITY REGIONAL WATER DISTRICT

900 N KEALY ST
LEWISVILLE, TX 75057

LAKE RALPH HALL MITIGATION
MITIGATION ZONE A
FANNIN COUNTY, TEXAS

PREPARED IN THE OFFICE OF:

ECOSYSTEM PLANNING & RESTORATION

17575 N. ELDRIDGE PARKWAY, BLDG. C
TOMBALL, TX 77377
TEXAS REGISTERED ENGINEERING FIRM F-14997

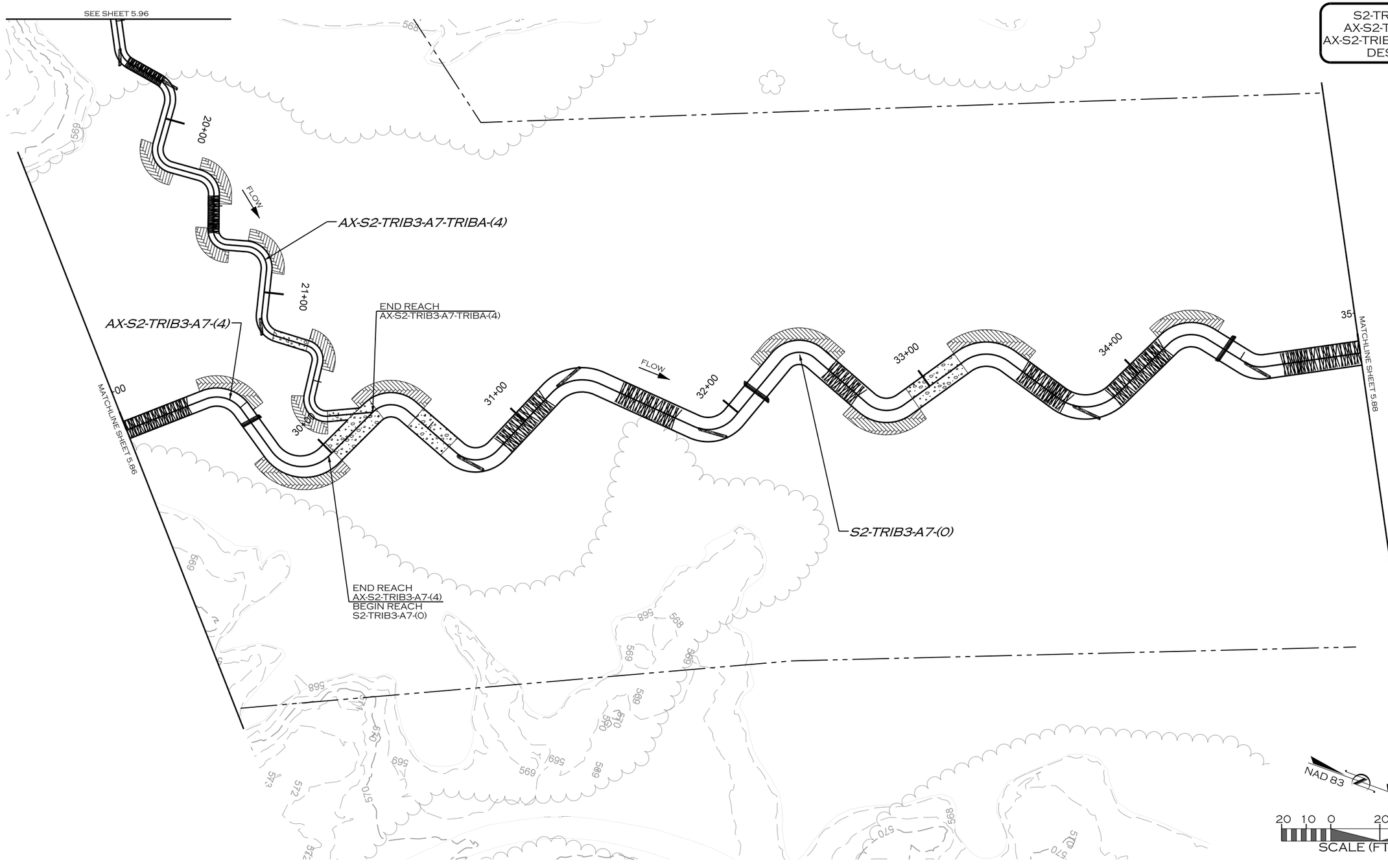
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MICRON

VOLUME NO. VOL. 1 | SHEET NO. 5.87

S2-TRIB3-A7
AX-S2-TRIB3-A7
AX-S2-TRIB3-A7-TRIBA
DESIGN



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1	DRAFT DESIGN PLANS	EMP	KLT	7/01/19

PREPARED FOR:

UPPER TRINITY REGIONAL WATER DISTRICT

900 N KEALY ST
LEWISVILLE, TX 75057

LAKE RALPH HALL MITIGATION
MITIGATION ZONE A
FANNIN COUNTY, TEXAS

PREPARED IN THE OFFICE OF:

ECOSYSTEM PLANNING & RESTORATION

17575 N. ELDRIDGE PARKWAY, BLDG. C
TOMBALL, TX 77377
TEXAS REGISTERED ENGINEERING FIRM F-14997

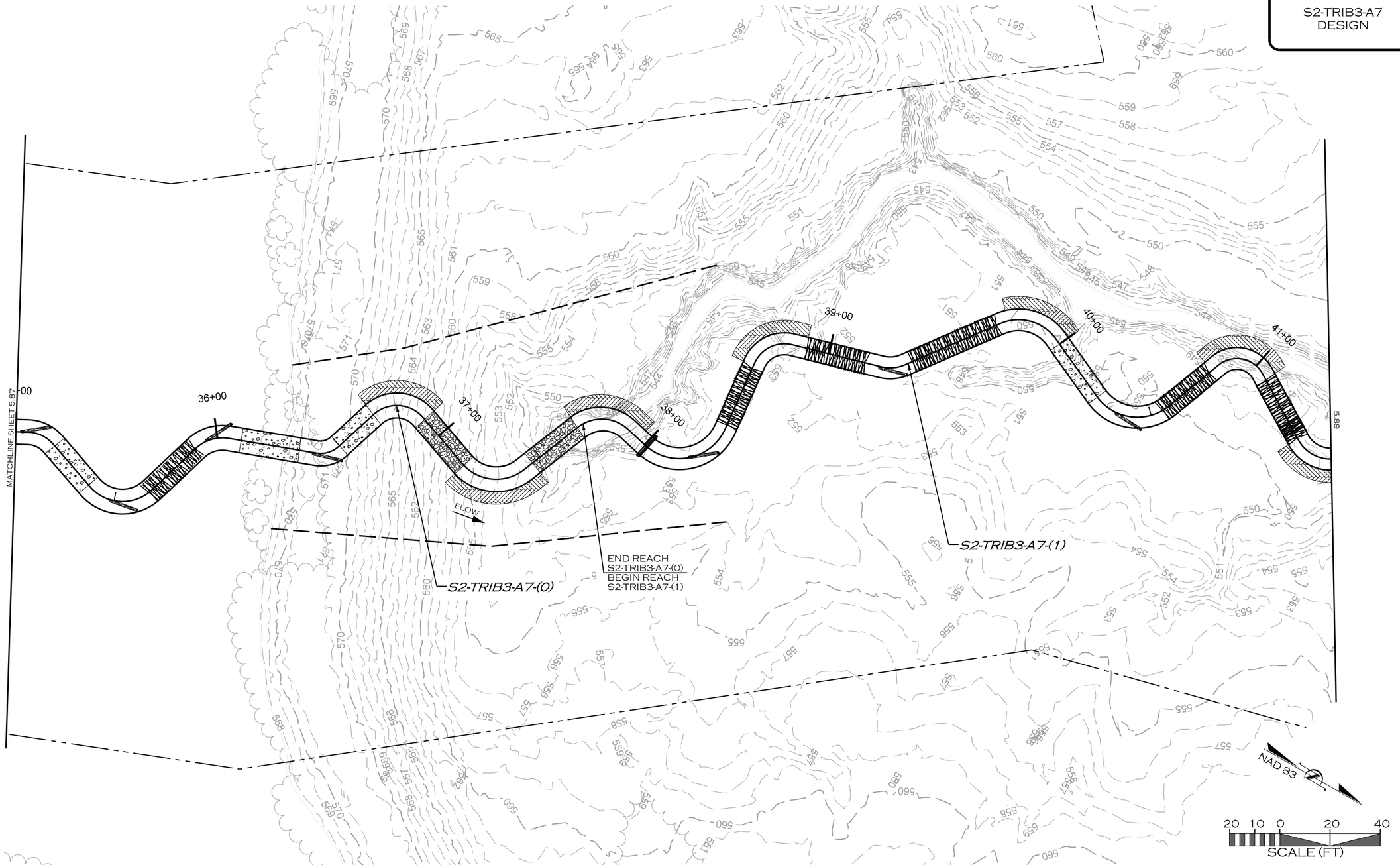
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VOLUME NO. VOL. 1 | SHEET NO. 5.88

S2-TRIB3-A7 DESIGN



REVISIONS				
NO.	DESCRIPTION	ENGR.	APPROV.	DATE
1	DRAFT DESIGN PLANS	EMP	KLT	7/01/19

PREPARED FOR:

UPPER TRINITY REGIONAL WATER DISTRICT

900 N KEALY ST
LEWISVILLE, TX 75057

LAKE RALPH HALL MITIGATION
MITIGATION ZONE A
FANNIN COUNTY, TEXAS

PREPARED IN THE OFFICE OF:

ECOSYSTEM PLANNING & RESTORATION

17575 N. ELDRIDGE PARKWAY, BLDG. C
TOMBALL, TX 77377
TEXAS REGISTERED ENGINEERING FIRM F-14997

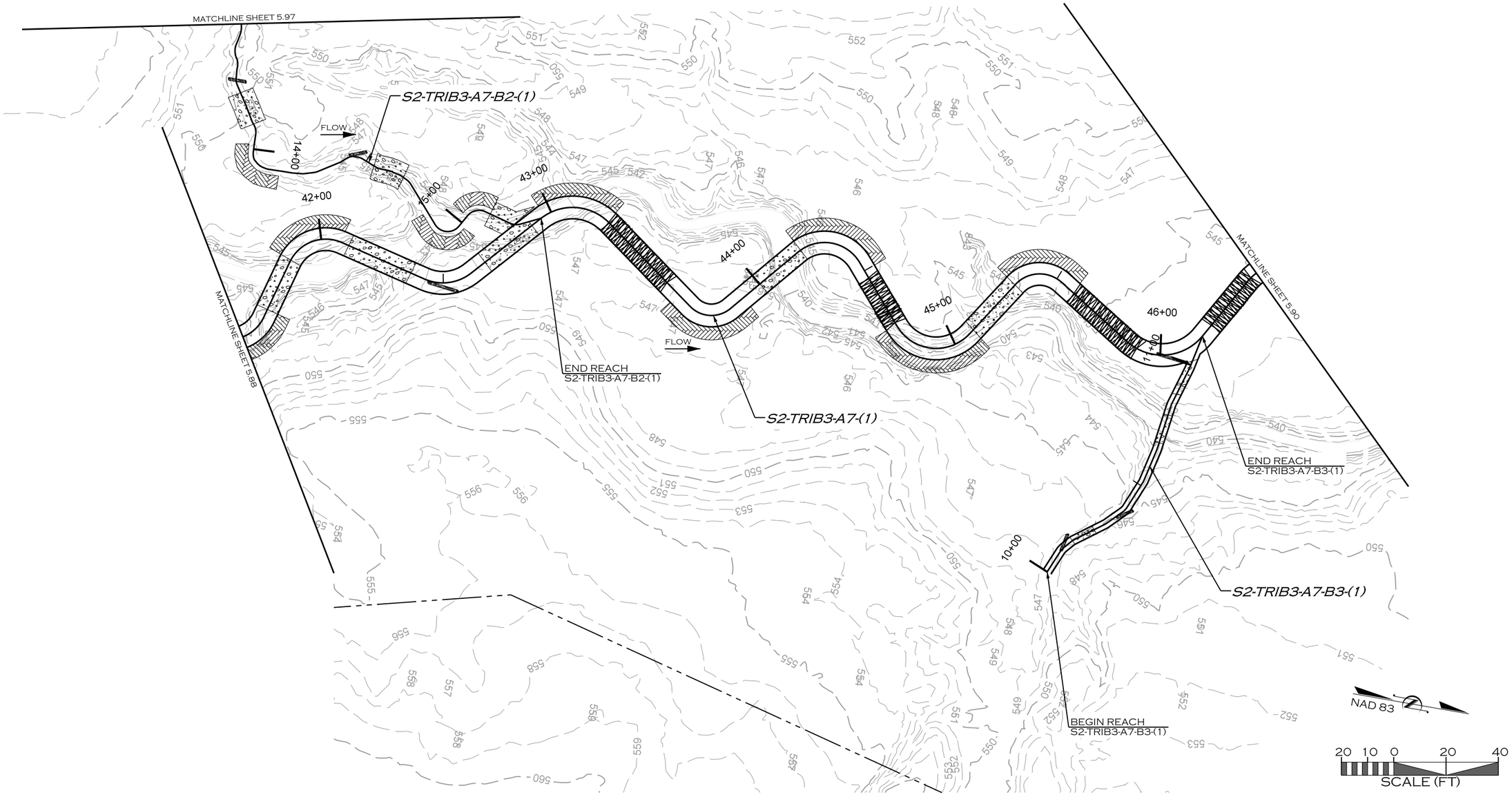
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VOLUME NO.	SHEET NO.
VOL. 1	5.89

S2-TRIB3-A7
S2-TRIB3-A7-B2
S2-TRIB3-A7-B3
DESIGN



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1	DRAFT DESIGN PLANS	EMP	KLT	7/01/19

PREPARED FOR:

UPPER TRINITY REGIONAL WATER DISTRICT

900 N KEALY ST
LEWISVILLE, TX 75057

LAKE RALPH HALL MITIGATION
MITIGATION ZONE A
FANNIN COUNTY, TEXAS

PREPARED IN THE OFFICE OF:

ECOSYSTEM PLANNING & RESTORATION

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MICOR

VOLUME NO. VOL. 1 | SHEET NO. 5.90

S2-TRIB3-A7
S2-TRIB3-A7-B4
DESIGN

S2-TRIB3-A7-(1)

S2-TRIB3-A7-(2)

END REACH
S2-TRIB3-A7-(1)
BEGIN REACH
S2-TRIB3-A7-(2)

END REACH
S2-TRIB3-A7-B4-(1)

S2-TRIB3-A7-B4-(1)

47+00

48+00

49+00

50+00

51+00

52+

15+00

14+00

FLOW

FLOW

MATCHLINE SHEET 5.89

MATCHLINE SHEET 5.91

MATCHLINE SHEET 5.100

NAD 83

20 10 0 20 40
SCALE (FT)

REVISIONS				
NO.	DESCRIPTION	ENGR.	APPROV	DATE
1	DRAFT DESIGN PLANS	EMP	KLT	7/01/19

PREPARED FOR:

UPPER TRINITY REGIONAL WATER DISTRICT

900 N KEALY ST
LEWISVILLE, TX 75057

LAKE RALPH HALL MITIGATION
MITIGATION ZONE A
FANNIN COUNTY, TEXAS

PREPARED IN THE OFFICE OF:

ECOSYSTEM PLANNING & RESTORATION

17575 N. ELDRIDGE PARKWAY, BLDG. C
TOMBALL, TX 77377
TEXAS REGISTERED ENGINEERING FIRM F-14997

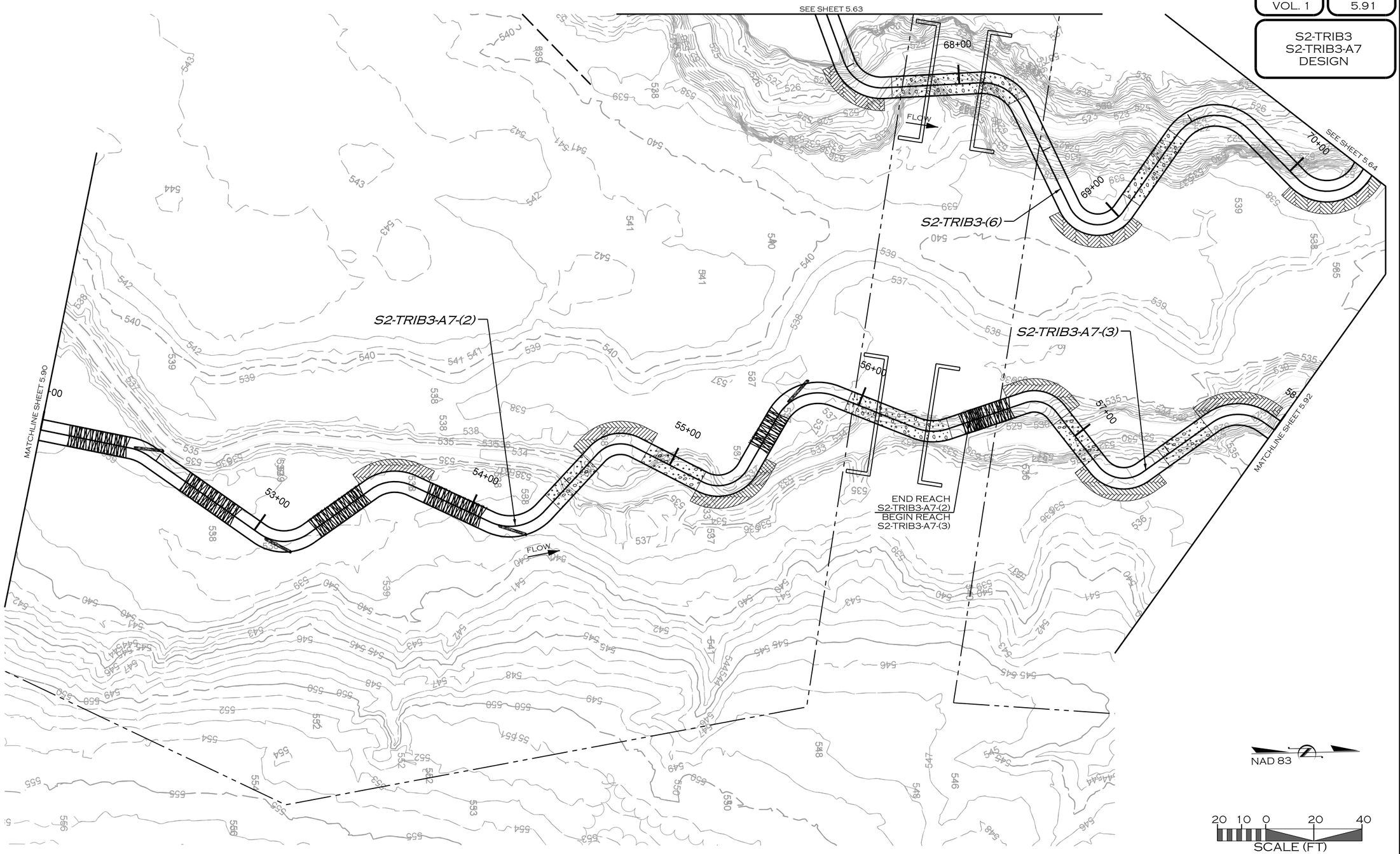
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VOLUME NO. VOL. 1 | SHEET NO. 5.91

S2-TRIB3
S2-TRIB3-A7
DESIGN



REVISIONS

NO.	DESCRIPTION	ENGR.	APPROV	DATE
1	DRAFT DESIGN PLANS	EMP	KLT	7/01/19

PREPARED FOR:

UPPER TRINITY REGIONAL WATER DISTRICT

900 N KEALY ST
LEWISVILLE, TX 75057

LAKE RALPH HALL MITIGATION
MITIGATION ZONE A
FANNIN COUNTY, TEXAS

PREPARED IN THE OFFICE OF:

ECOSYSTEM PLANNING & RESTORATION

17575 N. ELDRIDGE PARKWAY, BLDG. C
TOMBALL, TX 77377
TEXAS REGISTERED ENGINEERING FIRM F-14997

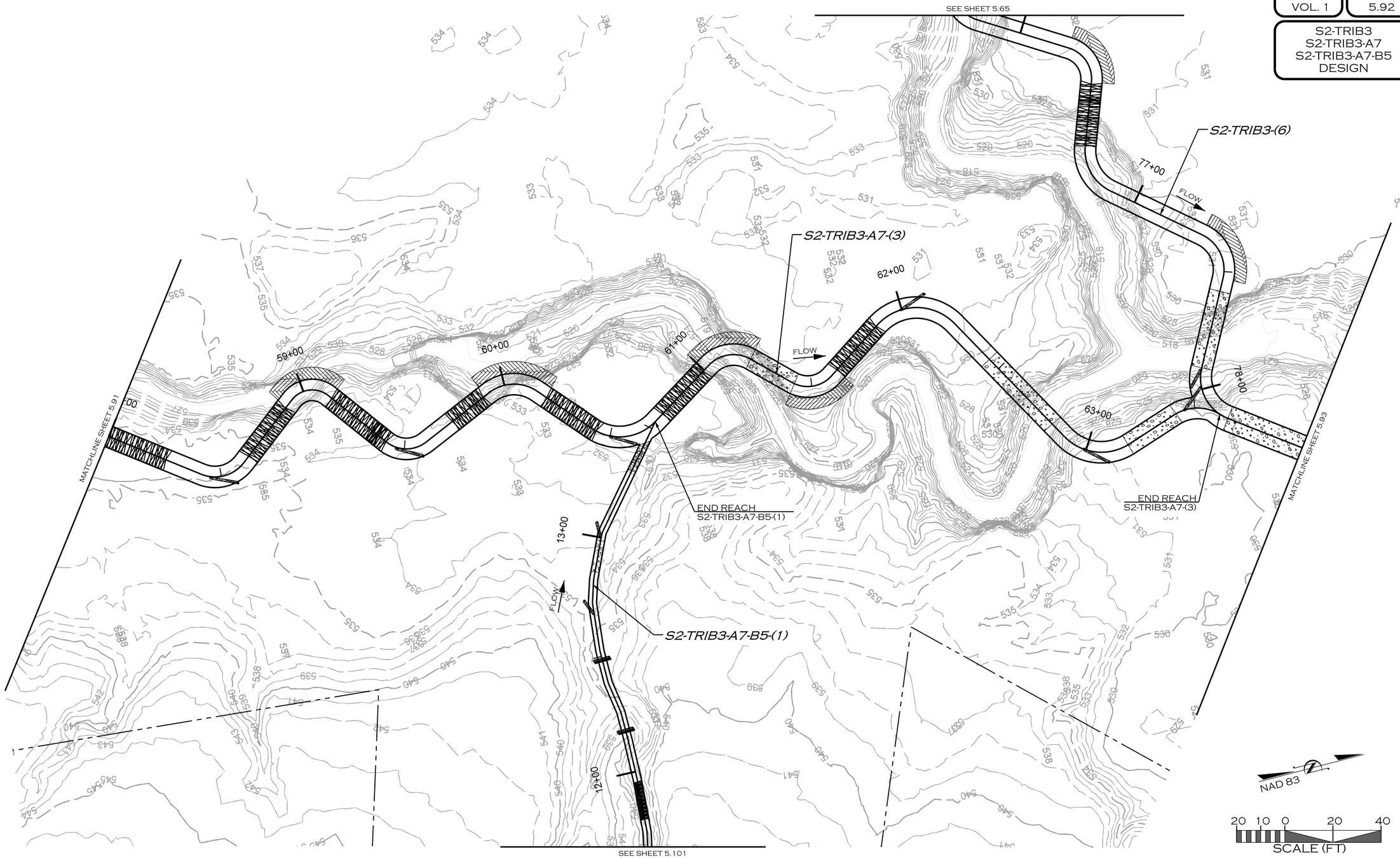
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MICOR

VOLUME NO.	SHEET NO.
VOL. 1	5.92

S2-TRIB3
S2-TRIB3-A7
S2-TRIB3-A7-B5
DESIGN



REVISIONS				
NO.	DESCRIPTION	ENGR.	APPROV	DATE
1	DRAFT DESIGN PLANS	EMP	KLT	7/01/19

PREPARED FOR:

UPPER TRINITY REGIONAL WATER DISTRICT

900 N KEALY ST
LEWISVILLE, TX 75057

LAKE RALPH HALL MITIGATION
MITIGATION ZONE A
FANNIN COUNTY, TEXAS

PREPARED IN THE OFFICE OF:

ECOSYSTEM PLANNING & RESTORATION

17575 N. ELDRIDGE PARKWAY, BLDG. C
TOMBALL, TX 77377
TEXAS REGISTERED ENGINEERING FIRM F-14997

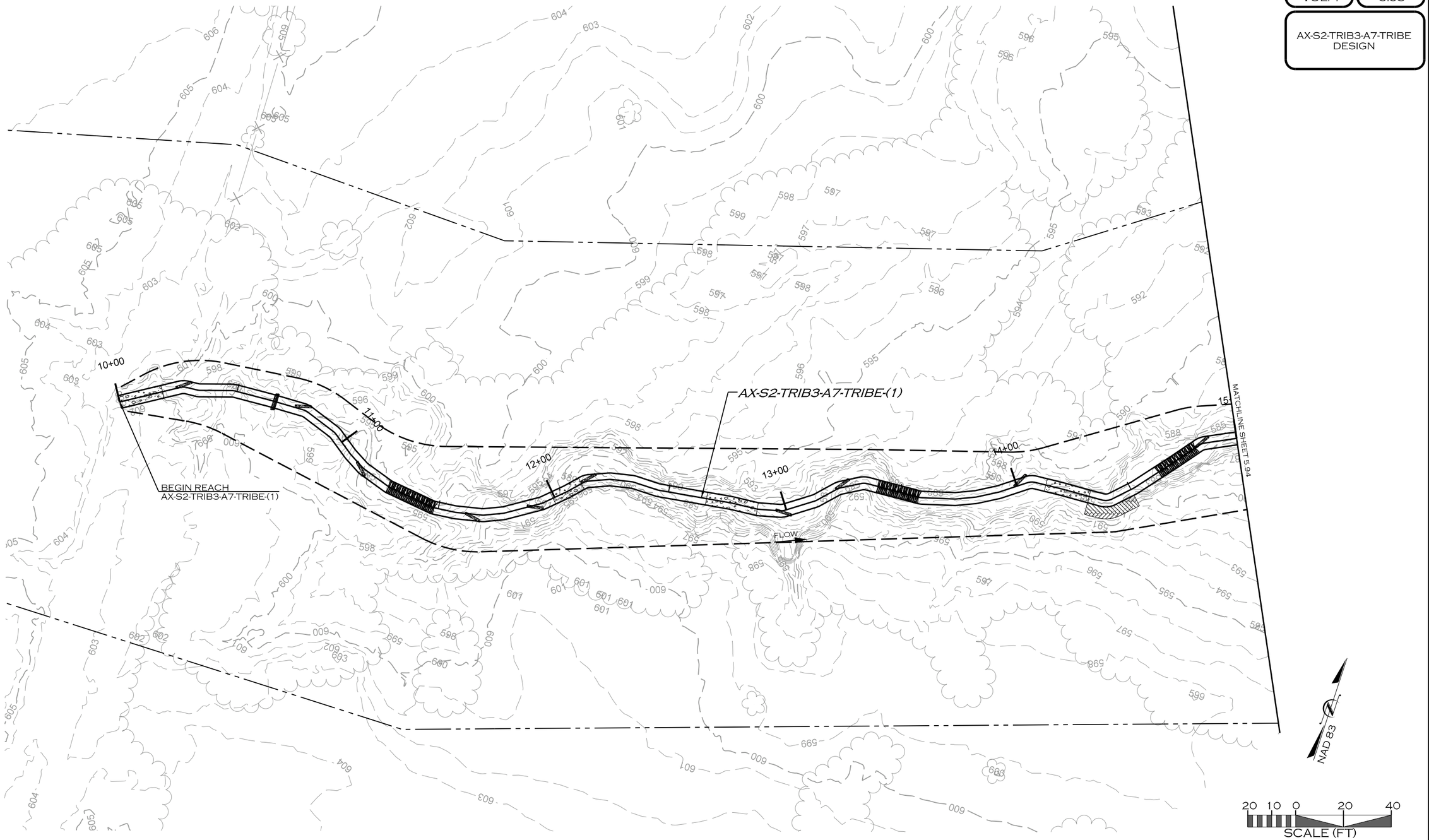
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MICONN

VOLUME NO.	SHEET NO.
VOL. 1	5.93

AX-S2-TRIB3-A7-TRIBE DESIGN



REVISIONS				
NO.	DESCRIPTION	ENGR.	APPROV	DATE
1	DRAFT DESIGN PLANS	EMP	KLT	7/01/19

PREPARED FOR:

UPPER TRINITY REGIONAL WATER DISTRICT

900 N KEALY ST
LEWISVILLE, TX 75057

LAKE RALPH HALL MITIGATION
MITIGATION ZONE A
FANNIN COUNTY, TEXAS

PREPARED IN THE OFFICE OF:

ECOSYSTEM PLANNING & RESTORATION

17575 N. ELDRIDGE PARKWAY, BLDG. C
TOMBALL, TX 77377
TEXAS REGISTERED ENGINEERING FIRM F-14997

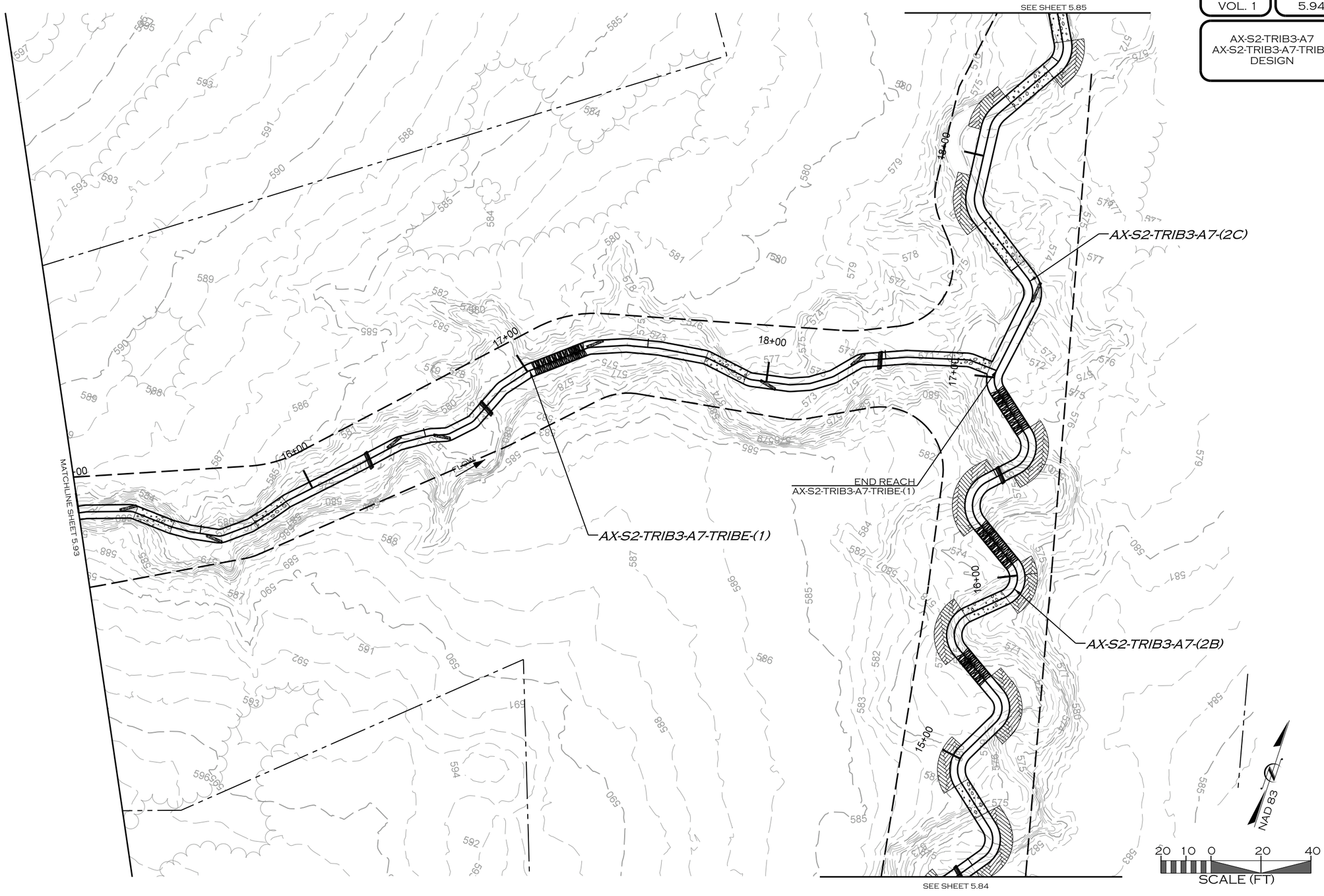
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VOLUME NO. VOL. 1 | SHEET NO. 5.94

AX-S2-TRIB3-A7
AX-S2-TRIB3-A7-TRIBE
DESIGN



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NO.	DESCRIPTION	ENGR.	APPROV.	DATE
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PREPARED FOR:

UPPER TRINITY REGIONAL WATER DISTRICT

900 N KEALY ST
LEWISVILLE, TX 75057

LAKE RALPH HALL MITIGATION
MITIGATION ZONE A
FANNIN COUNTY, TEXAS

PREPARED IN THE OFFICE OF:

ECOSYSTEM PLANNING & RESTORATION

17575 N. ELDRIDGE PARKWAY, BLDG. C
TOMBALL, TX 77377
TEXAS REGISTERED ENGINEERING FIRM F-14997

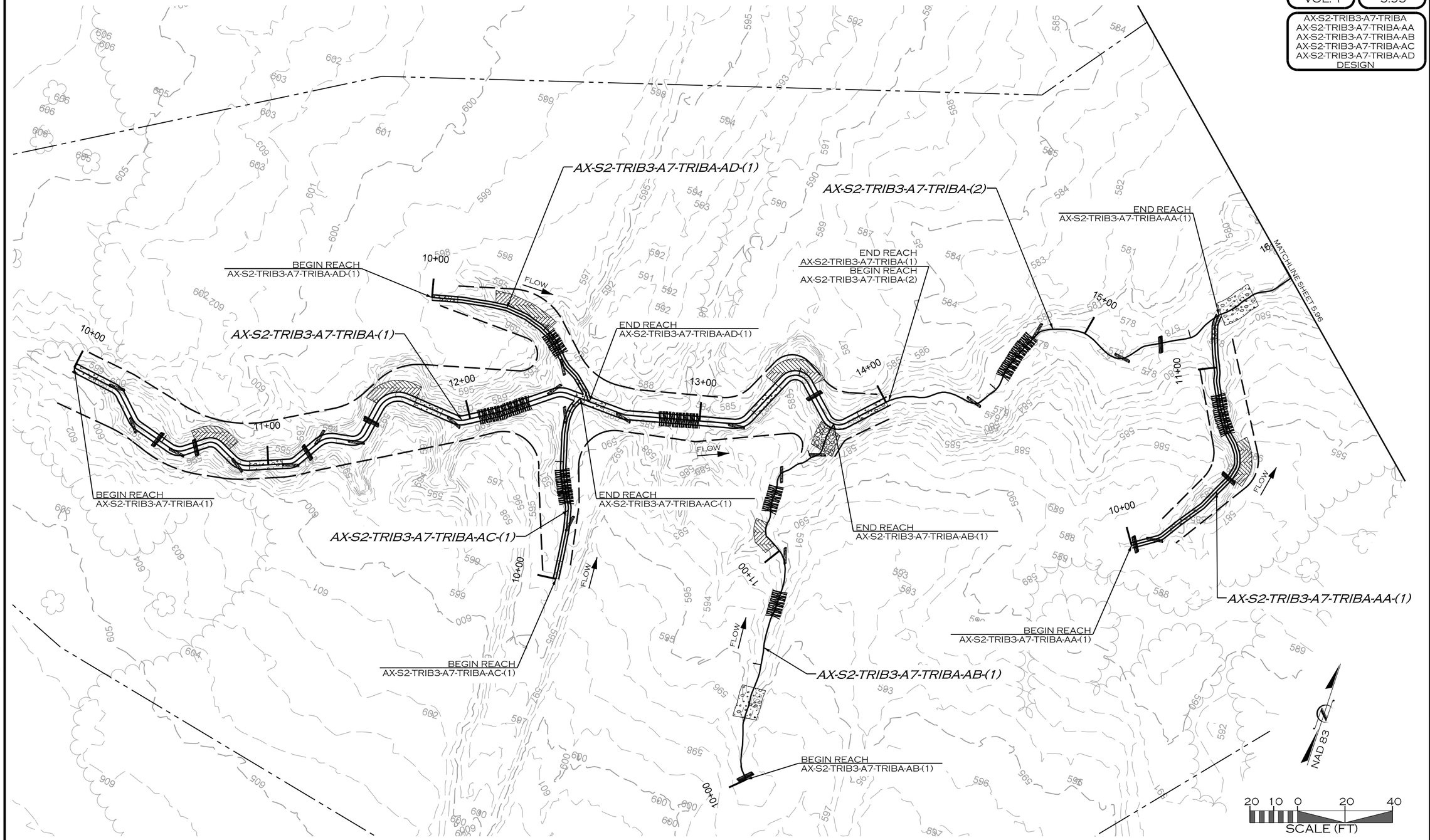
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BROWN

VOLUME NO.	SHEET NO.
VOL. 1	5.95

AX-S2-TRIB3-A7-TRIBA
AX-S2-TRIB3-A7-TRIBA-AA
AX-S2-TRIB3-A7-TRIBA-AB
AX-S2-TRIB3-A7-TRIBA-AC
AX-S2-TRIB3-A7-TRIBA-AD
DESIGN



REVISIONS				
NO.	DESCRIPTION	ENGR.	APPROV	DATE
1	DRAFT DESIGN PLANS	EMP	KLT	7/01/19

PREPARED FOR:

UPPER TRINITY REGIONAL WATER DISTRICT

900 N KEALY ST
LEWISVILLE, TX 75057

LAKE RALPH HALL MITIGATION
MITIGATION ZONE A
FANNIN COUNTY, TEXAS

PREPARED IN THE OFFICE OF:

ECOSYSTEM PLANNING & RESTORATION

17575 N. ELDRIDGE PARKWAY, BLDG. C
TOMBALL, TX 77377
TEXAS REGISTERED ENGINEERING FIRM F-14997

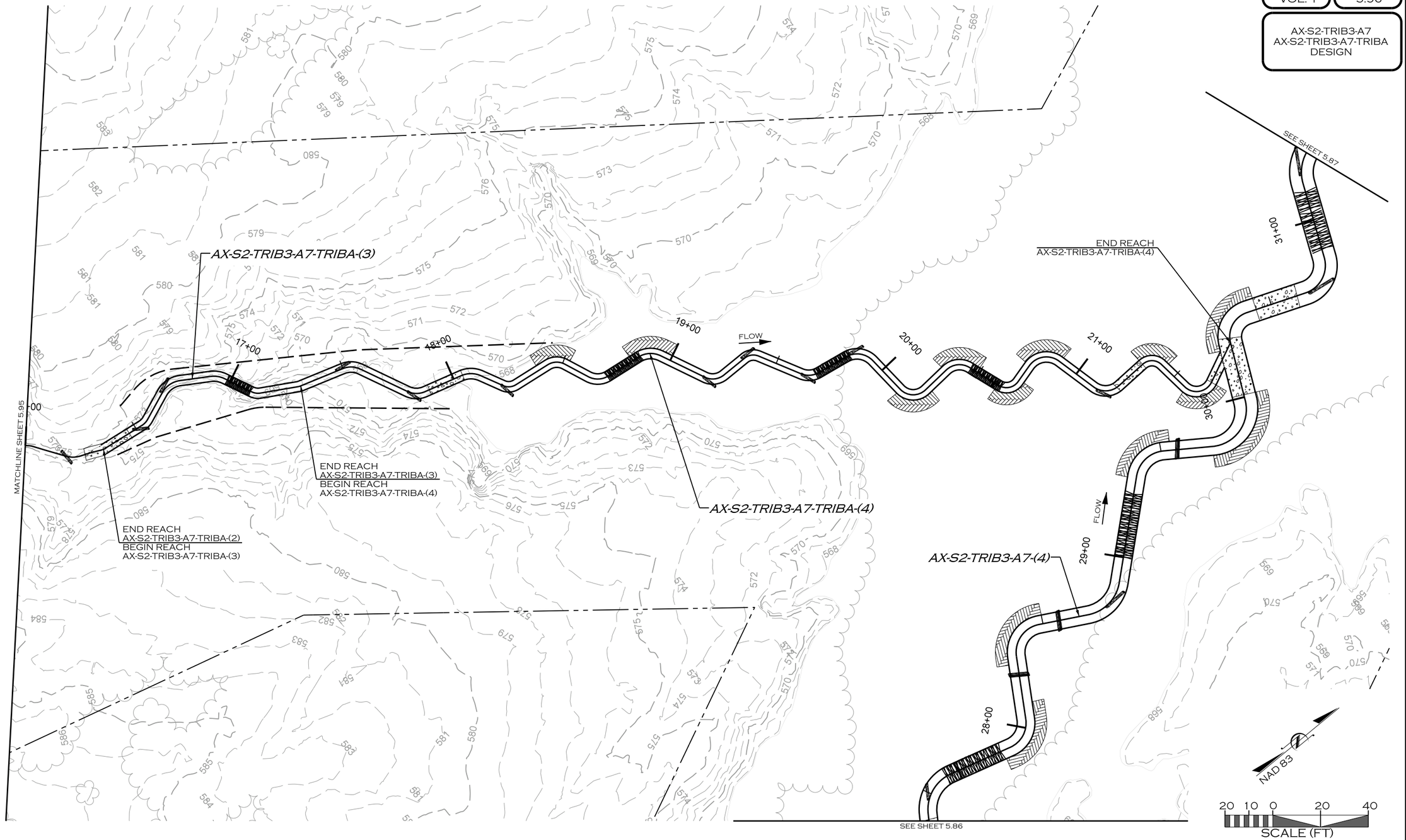
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VOLUME NO. VOL. 1 | SHEET NO. 5.96

AX-S2-TRIB3-A7
AX-S2-TRIB3-A7-TRIBA
DESIGN



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NO.	DESCRIPTION	ENGR.	APPROV.	DATE
1	DRAFT DESIGN PLANS	EMP	KLT	7/01/19

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UPPER TRINITY REGIONAL WATER DISTRICT

900 N KEALY ST
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LAKE RALPH HALL MITIGATION
MITIGATION ZONE A
FANNIN COUNTY, TEXAS

PREPARED IN THE OFFICE OF:

ECOSYSTEM PLANNING & RESTORATION

17575 N. ELDRIDGE PARKWAY, BLDG. C
TOMBALL, TX 77377
TEXAS REGISTERED ENGINEERING FIRM F-14997

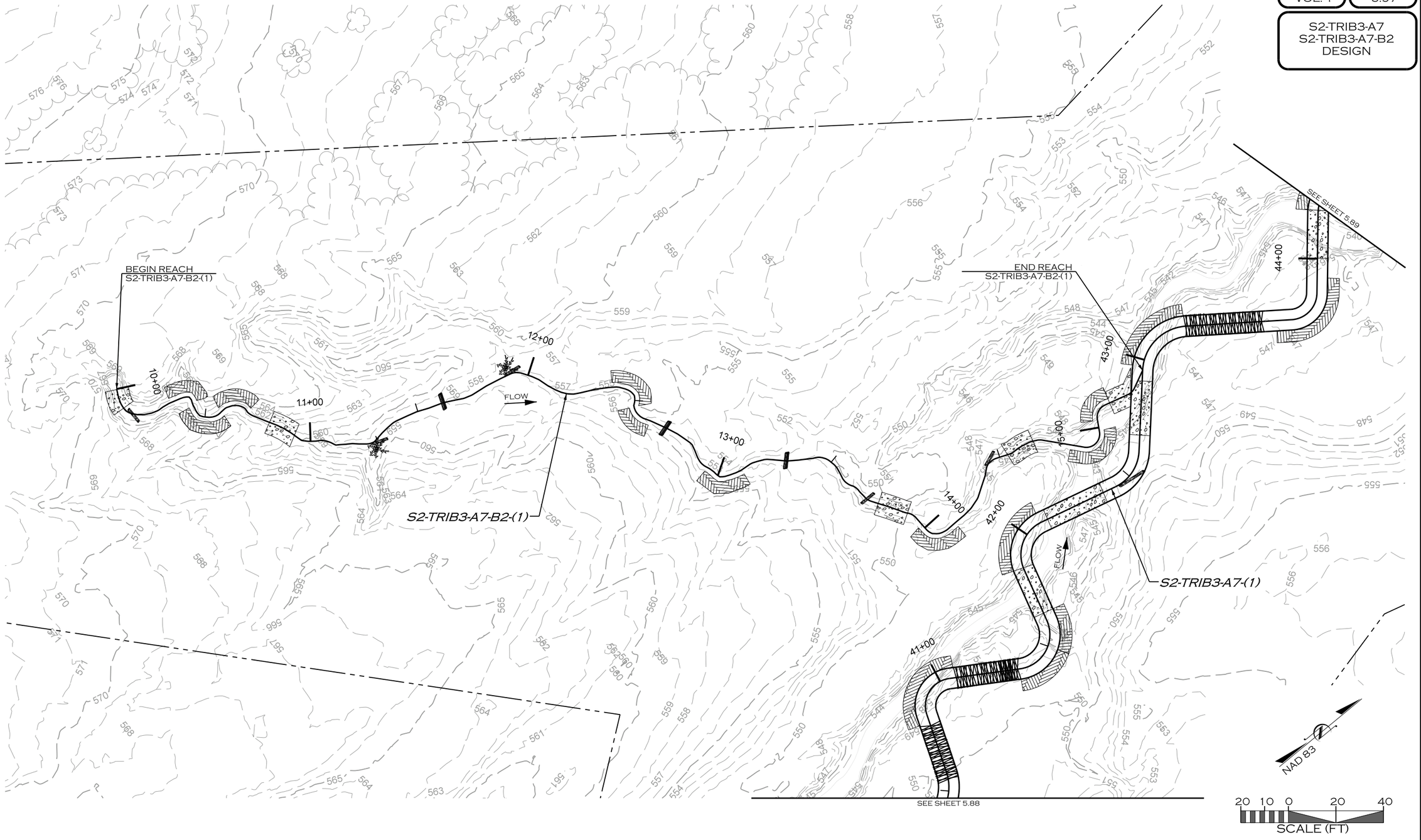
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VOLUME NO.	SHEET NO.
VOL. 1	5.97

S2-TRIB3-A7
S2-TRIB3-A7-B2
DESIGN



REVISIONS				
NO.	DESCRIPTION	ENGR.	APPROV	DATE
1	DRAFT DESIGN PLANS	EMP	KLT	7/01/19

PREPARED FOR:

UPPER TRINITY REGIONAL WATER DISTRICT

900 N KEALY ST
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LAKE RALPH HALL MITIGATION
MITIGATION ZONE A
FANNIN COUNTY, TEXAS

PREPARED IN THE OFFICE OF:

ECOSYSTEM PLANNING & RESTORATION

17575 N. ELDRIDGE PARKWAY, BLDG. C
TOMBALL, TX 77377
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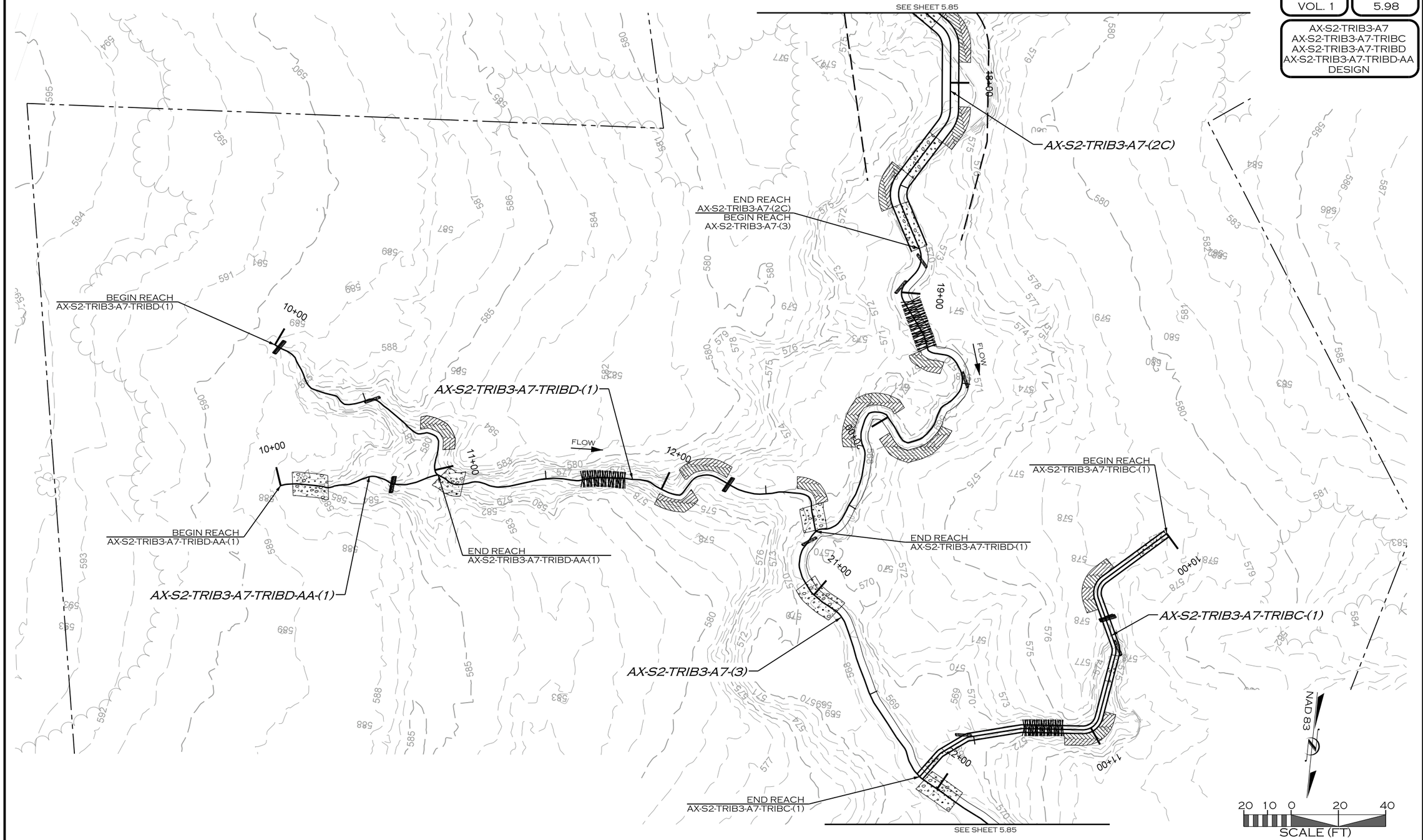
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VOLUME NO.	SHEET NO.
VOL. 1	5.98

AX-S2-TRIB3-A7
AX-S2-TRIB3-A7-TRIBC
AX-S2-TRIB3-A7-TRIBD
AX-S2-TRIB3-A7-TRIBD-AA
DESIGN



REVISIONS				
NO.	DESCRIPTION	ENGR.	APPROV	DATE
1	DRAFT DESIGN PLANS	EMP	KLT	7/01/19

PREPARED FOR:

UPPER TRINITY REGIONAL WATER DISTRICT

900 N KEALY ST
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LAKE RALPH HALL MITIGATION
MITIGATION ZONE A
FANNIN COUNTY, TEXAS

PREPARED IN THE OFFICE OF:

ECOSYSTEM PLANNING & RESTORATION

17575 N. ELDRIDGE PARKWAY, BLDG. C
TOMBALL, TX 77377
TEXAS REGISTERED ENGINEERING FIRM F-14997

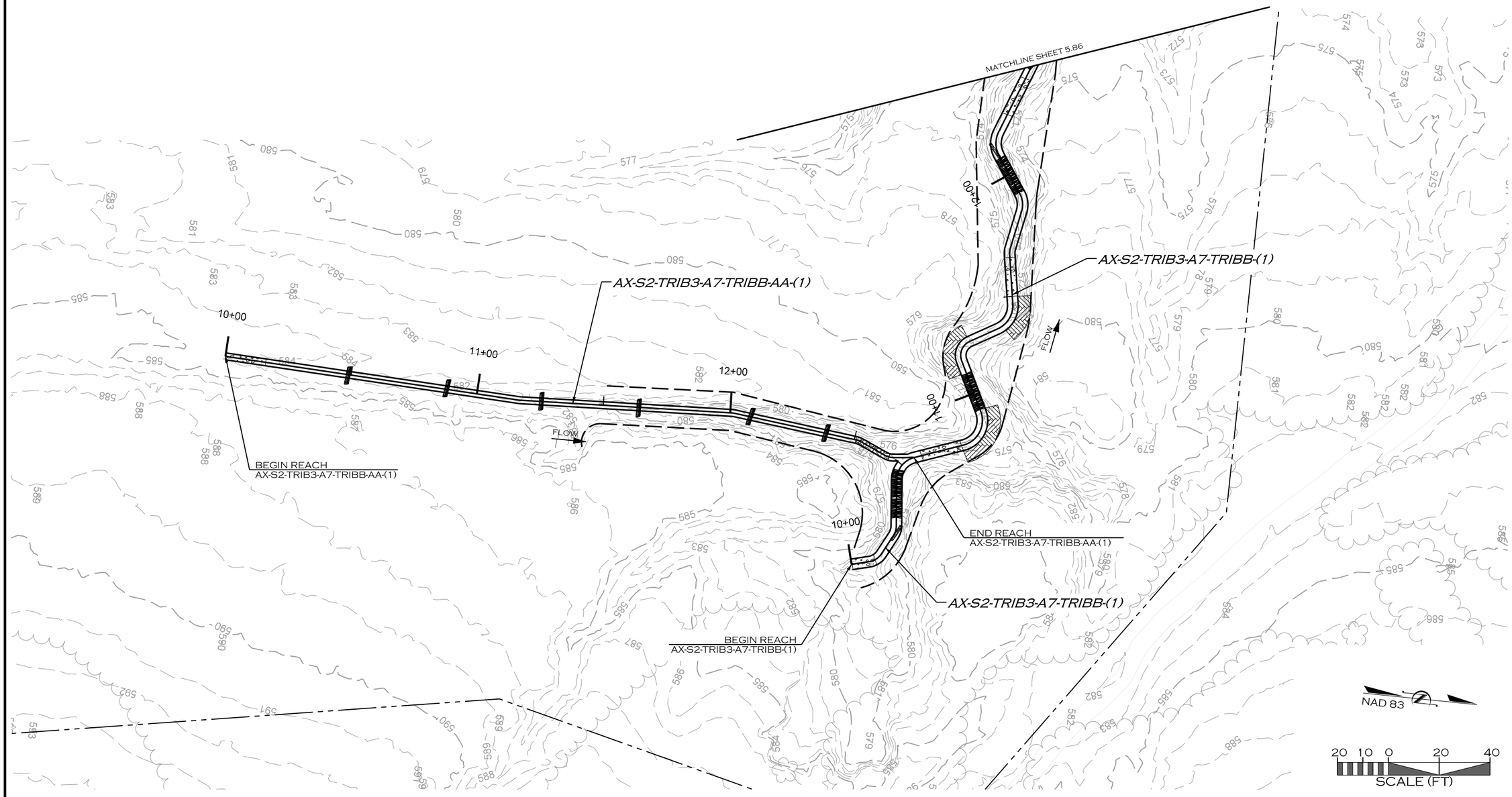
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MICOR

VOLUME NO. VOL. 1 | SHEET NO. 5.99

AX-S2-TRIB3-TRIBB
AX-S2-TRIB3-TRIBB-AA
DESIGN



REVISIONS

NO.	DESCRIPTION	ENGR.	APPROV	DATE
1	DRAFT DESIGN PLANS	EMP	KLT	7/01/19

PREPARED FOR:

UPPER TRINITY REGIONAL WATER DISTRICT

900 N KEALY ST
LEWISVILLE, TX 75057

LAKE RALPH HALL MITIGATION
MITIGATION ZONE A
FANNIN COUNTY, TEXAS

PREPARED IN THE OFFICE OF:

ECOSYSTEM PLANNING & RESTORATION

17575 N. ELDRIDGE PARKWAY, BLDG. C
TOMBALL, TX 77377
TEXAS REGISTERED ENGINEERING FIRM F-14997

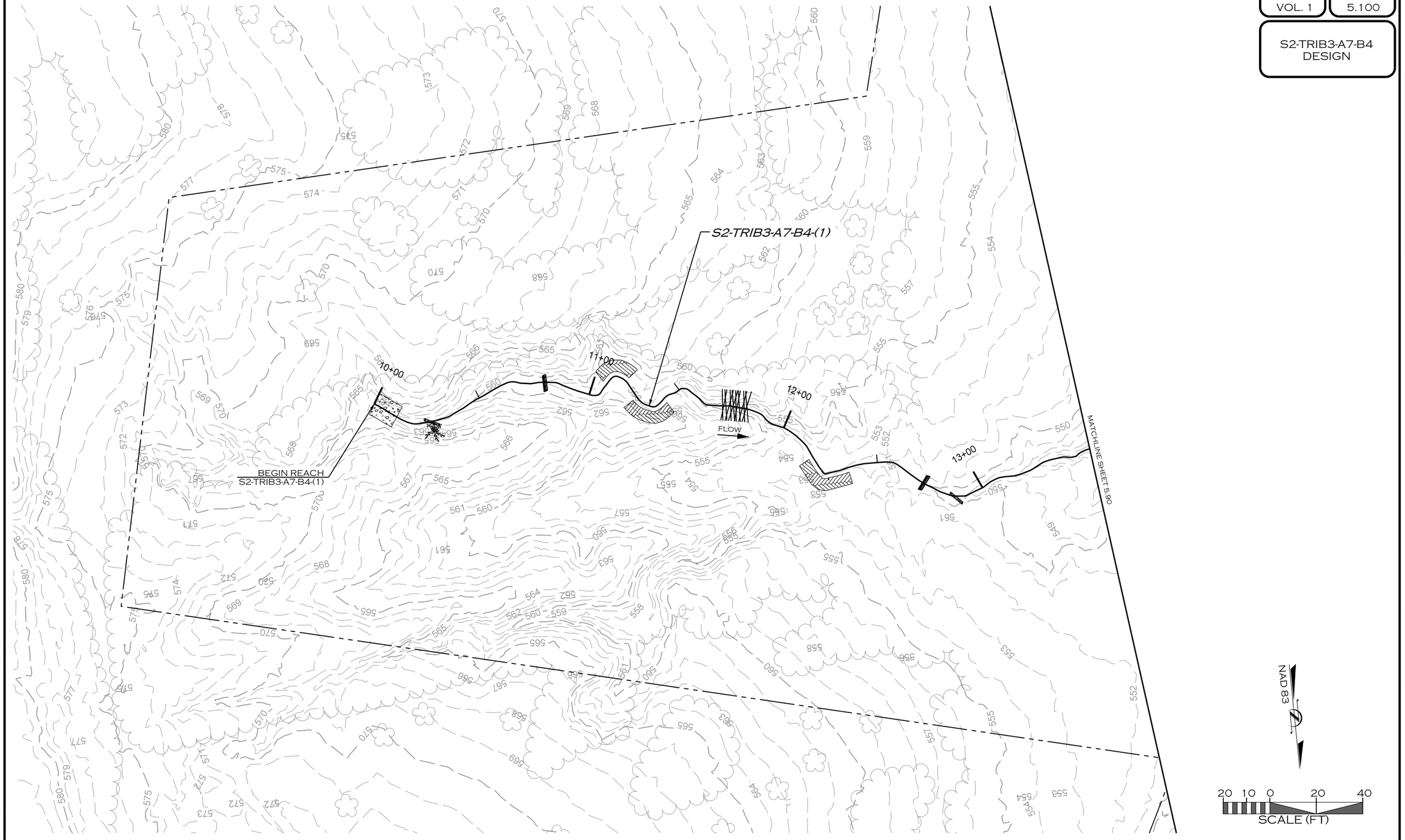
PROJECT ENGINEER

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KRIDGEN

VOLUME NO. VOL. 1 | SHEET NO. 5.100

S2-TRIB3-A7-B4
DESIGN



REVISIONS

NO.	DESCRIPTION	ENGR.	APPROV	DATE
1	DRAFT DESIGN PLANS	EMP	KLT	7/01/19

PREPARED FOR:

UPPER TRINITY REGIONAL WATER DISTRICT

900 N KEALY ST
LEWISVILLE, TX 75057

LAKE RALPH HALL MITIGATION
MITIGATION ZONE A
FANNIN COUNTY, TEXAS

PREPARED IN THE OFFICE OF:

ECOSYSTEM PLANNING & RESTORATION

17575 N. ELDRIDGE PARKWAY, BLDG. C
TOMBALL, TX 77377
TEXAS REGISTERED ENGINEERING FIRM F-14997

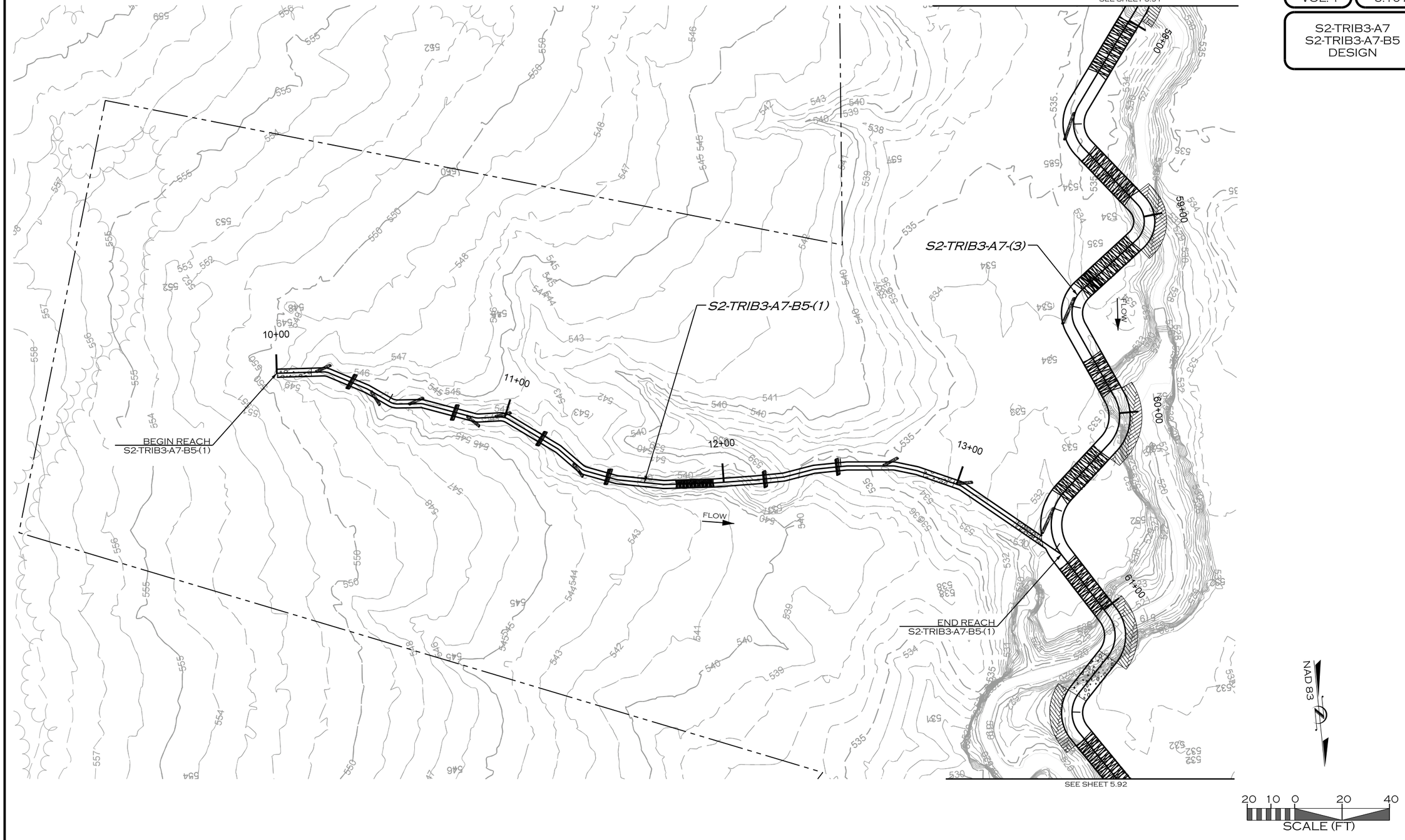
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VOLUME NO. VOL. 1 | SHEET NO. 5.101

S2-TRIB3-A7
S2-TRIB3-A7-B5
DESIGN



REVISIONS				
NO.	DESCRIPTION	ENGR.	APPROV	DATE
1	DRAFT DESIGN PLANS	EMP	KLT	7/01/19

PREPARED FOR:

UPPER TRINITY REGIONAL WATER DISTRICT

900 N KEALY ST
LEWISVILLE, TX 75057

LAKE RALPH HALL MITIGATION
MITIGATION ZONE A
FANNIN COUNTY, TEXAS

PREPARED IN THE OFFICE OF:

ECOSYSTEM PLANNING & RESTORATION

17575 N. ELDRIDGE PARKWAY, BLDG. C
TOMBALL, TX 77377
TEXAS REGISTERED ENGINEERING FIRM F-14997

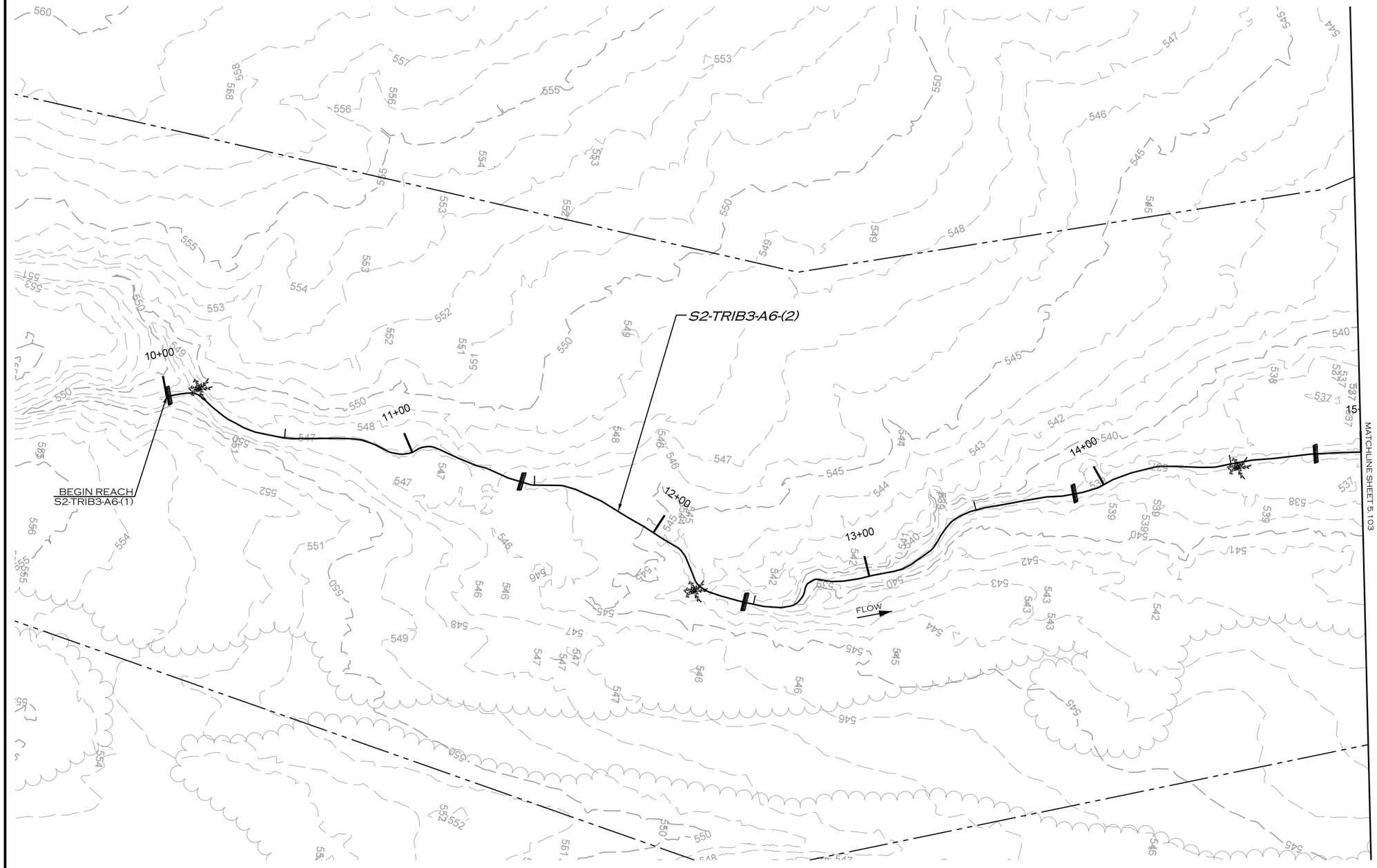
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MKOEN

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S2-TRIB3-A6 DESIGN



REVISIONS				
NO.	DESCRIPTION	ENGR.	APPROV.	DATE
1	DRAFT DESIGN PLANS	EMP	KLT	7/01/19

PREPARED FOR:

UPPER TRINITY REGIONAL WATER DISTRICT

900 N KEALY ST
LEWISVILLE, TX 75057

LAKE RALPH HALL MITIGATION
MITIGATION ZONE A
FANNIN COUNTY, TEXAS

PREPARED IN THE OFFICE OF:

ECOSYSTEM PLANNING & RESTORATION

17575 N. ELDRIDGE PARKWAY, BLDG. C
TOMBALL, TX 77377
TEXAS REGISTERED ENGINEERING FIRM F-14997

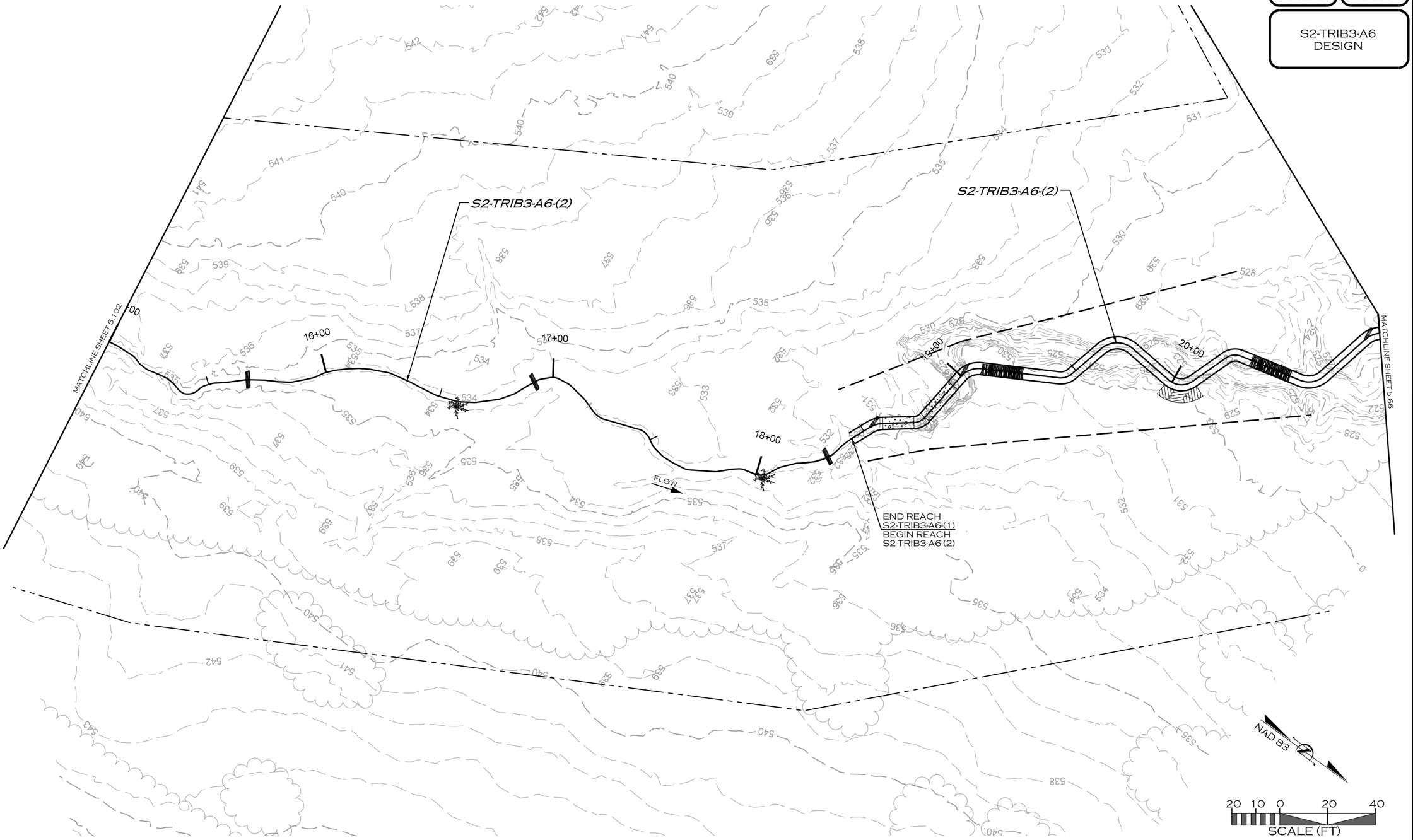
PROJECT ENGINEER

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MICON

VOLUME NO. VOL. 1 | SHEET NO. 5.103

S2-TRIB3-A6 DESIGN



REVISIONS				
NO.	DESCRIPTION	ENGR.	APPROV.	DATE
1	DRAFT DESIGN PLANS	EMP	KLT	7/01/19

PREPARED FOR:

UPPER TRINITY REGIONAL WATER DISTRICT

900 N KEALY ST
LEWISVILLE, TX 75057

LAKE RALPH HALL MITIGATION
MITIGATION ZONE A
FANNIN COUNTY, TEXAS

PREPARED IN THE OFFICE OF:

ECOSYSTEM PLANNING & RESTORATION

17575 N. ELDRIDGE PARKWAY, BLDG. C
TOMBALL, TX 77377
TEXAS REGISTERED ENGINEERING FIRM F-14997

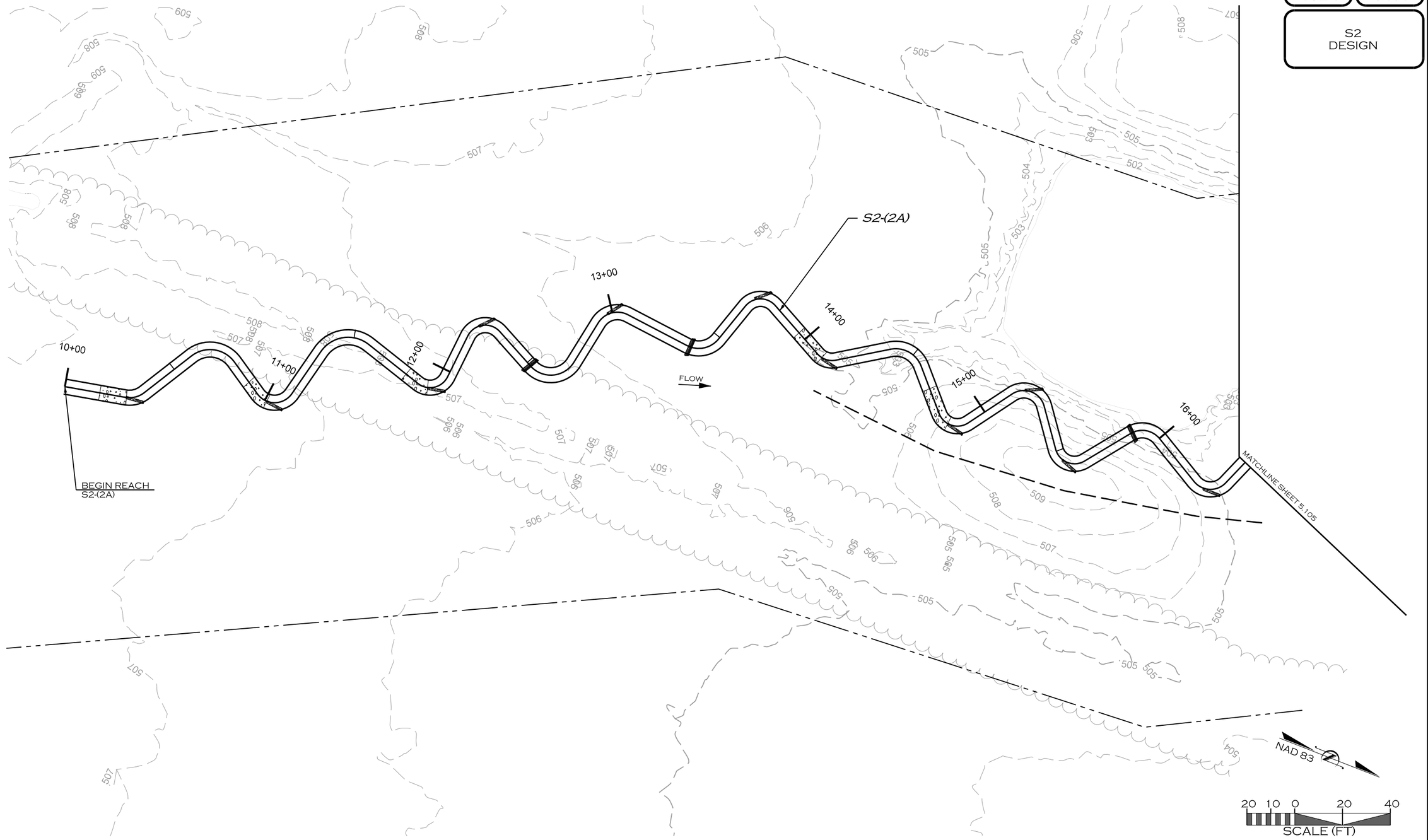
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VOLUME NO.	SHEET NO.
VOL. 1	5.104

S2
DESIGN



REVISIONS				
NO.	DESCRIPTION	ENGR.	APPROV	DATE
1	DRAFT DESIGN PLANS	EMP	KLT	7/01/19

PREPARED FOR:

UPPER TRINITY REGIONAL WATER DISTRICT

900 N KEALY ST
LEWISVILLE, TX 75057

LAKE RALPH HALL MITIGATION
MITIGATION ZONE A
FANNIN COUNTY, TEXAS

PREPARED IN THE OFFICE OF:

ECOSYSTEM PLANNING & RESTORATION

17575 N. ELDRIDGE PARKWAY, BLDG. C
TOMBALL, TX 77377
TEXAS REGISTERED ENGINEERING FIRM F-14997

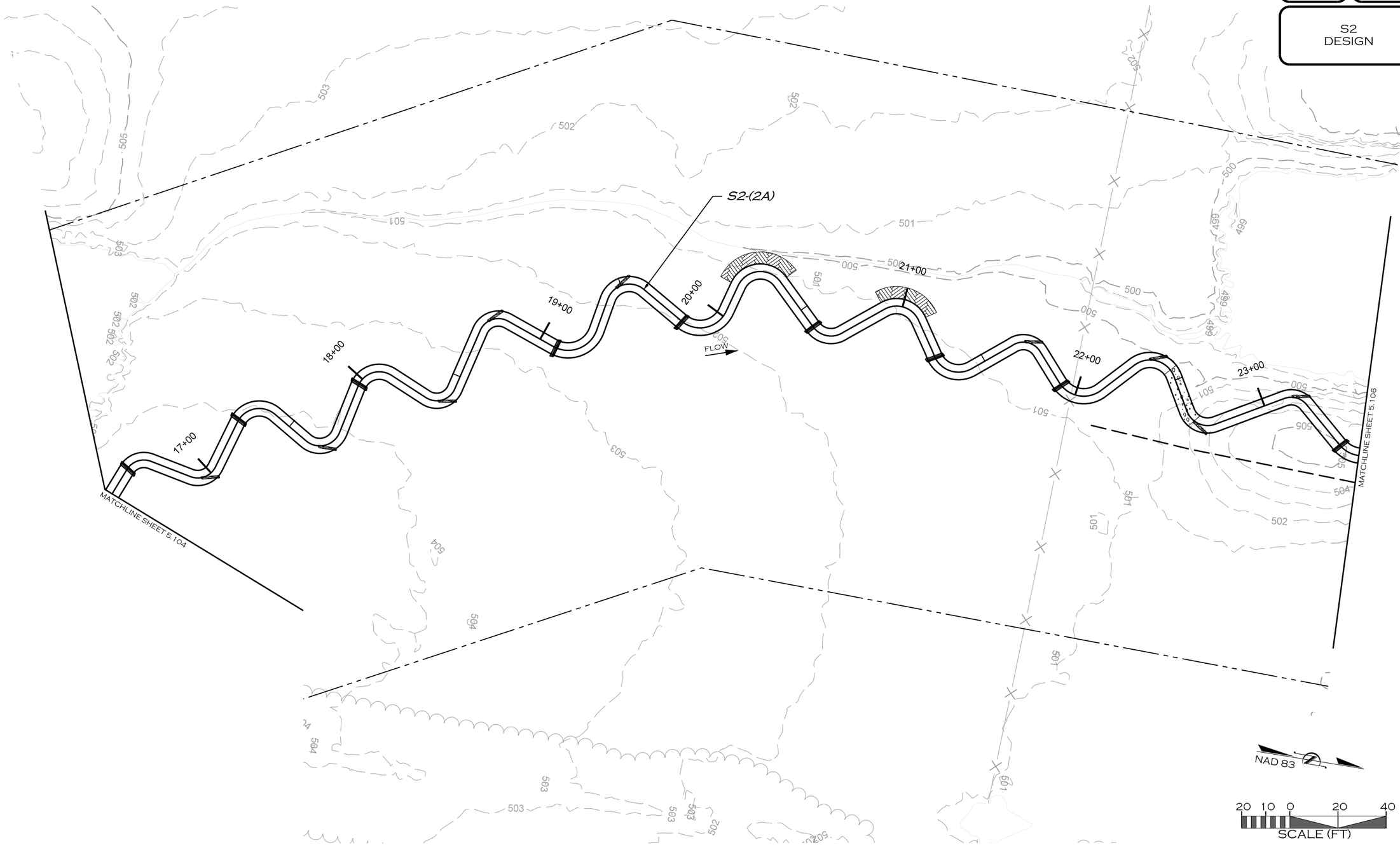
PROJECT ENGINEER

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MKOCH

VOLUME NO. VOL. 1 | SHEET NO. 5.105

S2 DESIGN



REVISIONS				
NO.	DESCRIPTION	ENGR.	APPROV	DATE
1	DRAFT DESIGN PLANS	EMP	KLT	7/01/19

PREPARED FOR:

UPPER TRINITY REGIONAL WATER DISTRICT

900 N KEALY ST
LEWISVILLE, TX 75057

LAKE RALPH HALL MITIGATION
MITIGATION ZONE A
FANNIN COUNTY, TEXAS

PREPARED IN THE OFFICE OF:

ECOSYSTEM PLANNING & RESTORATION

17575 N. ELDRIDGE PARKWAY, BLDG. C
TOMBALL, TX 77377
TEXAS REGISTERED ENGINEERING FIRM F-14997

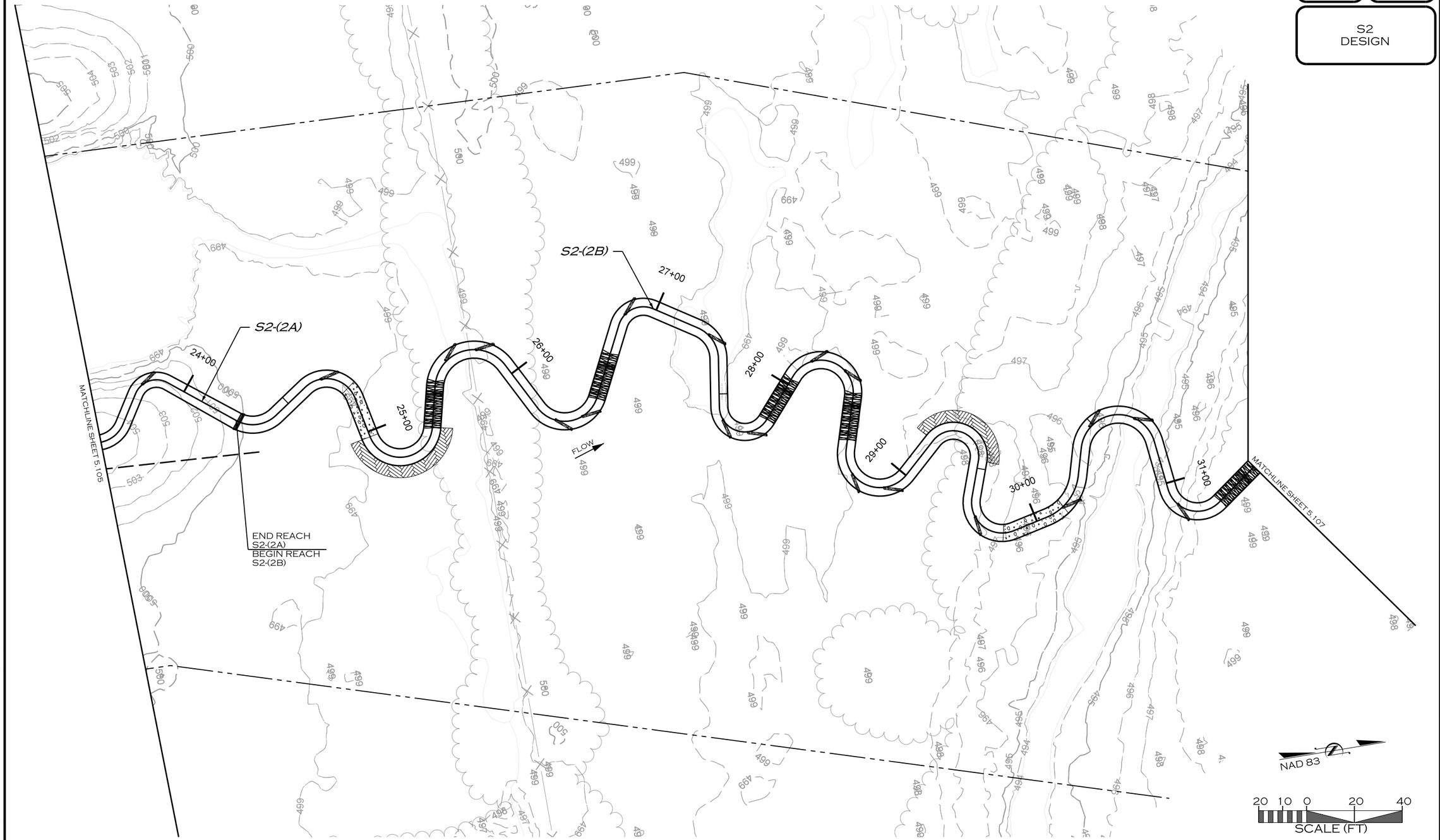
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MKOCH

VOLUME NO. VOL. 1 | SHEET NO. 5.106

S2 DESIGN



REVISIONS				
NO.	DESCRIPTION	ENGR.	APPROV	DATE
1	DRAFT DESIGN PLANS	EMP	KLT	7/01/19

PREPARED FOR:

UPPER TRINITY REGIONAL WATER DISTRICT

900 N KEALY ST
LEWISVILLE, TX 75057

LAKE RALPH HALL MITIGATION
MITIGATION ZONE A
FANNIN COUNTY, TEXAS

PREPARED IN THE OFFICE OF:

ECOSYSTEM PLANNING & RESTORATION

17575 N. ELDRIDGE PARKWAY, BLDG. C
TOMBALL, TX 77377
TEXAS REGISTERED ENGINEERING FIRM F-14997

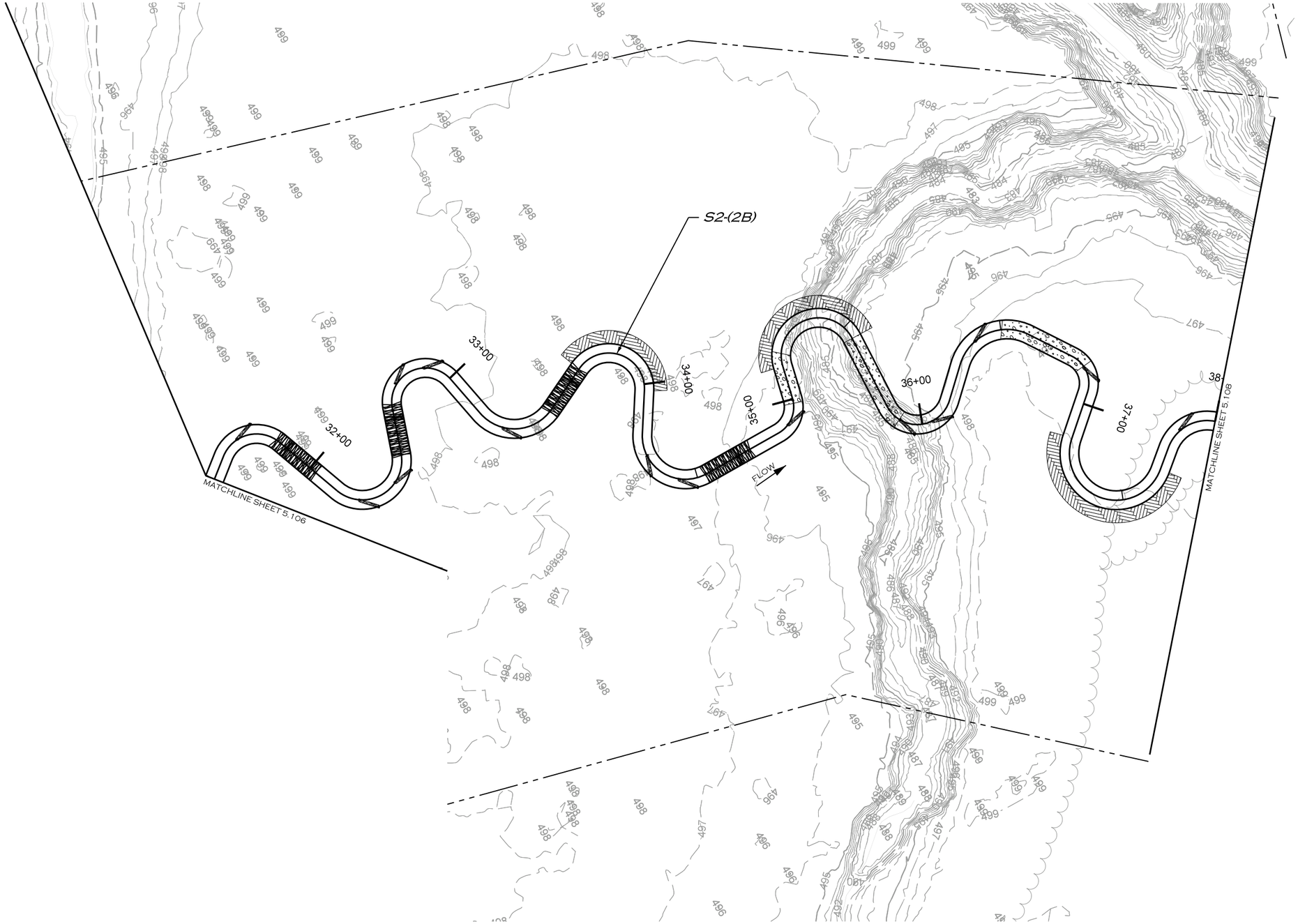
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MKOONS

VOLUME NO. VOL. 1 | SHEET NO. 5.107

S2
DESIGN



NAD 83

20 10 0 20 40
SCALE (FT)

REVISIONS				
NO.	DESCRIPTION	ENGR.	APPROV	DATE
1	DRAFT DESIGN PLANS	EMP	KLT	7/01/19

PREPARED FOR:

UPPER TRINITY REGIONAL WATER DISTRICT

900 N KEALY ST
LEWISVILLE, TX 75057

LAKE RALPH HALL MITIGATION
MITIGATION ZONE A
FANNIN COUNTY, TEXAS

PREPARED IN THE OFFICE OF:

ECOSYSTEM PLANNING & RESTORATION

17575 N. ELDRIDGE PARKWAY, BLDG. C
TOMBALL, TX 77377
TEXAS REGISTERED ENGINEERING FIRM F-14997

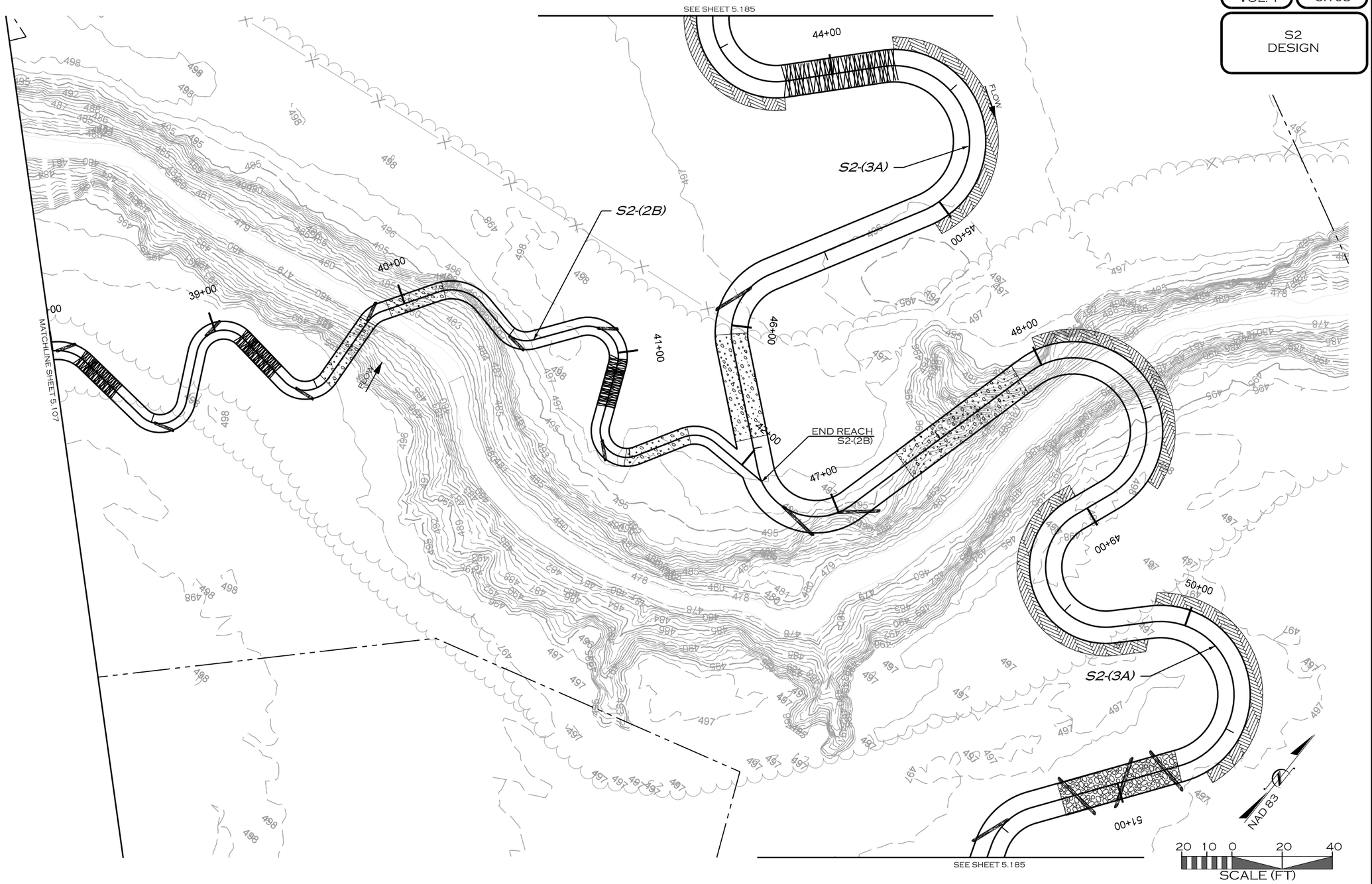
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MKOCH

VOLUME NO. VOL. 1 | SHEET NO. 5.108

S2 DESIGN



REVISIONS				
NO.	DESCRIPTION	ENGR.	APPROV.	DATE
1	DRAFT DESIGN PLANS	EMP	KLT	7/01/19

PREPARED FOR:

UPPER TRINITY REGIONAL WATER DISTRICT

900 N KEALY ST
LEWISVILLE, TX 75057

LAKE RALPH HALL MITIGATION
MITIGATION ZONE A
FANNIN COUNTY, TEXAS

PREPARED IN THE OFFICE OF:

ECOSYSTEM PLANNING & RESTORATION

17575 N. ELDRIDGE PARKWAY, BLDG. C
TOMBALL, TX 77377
TEXAS REGISTERED ENGINEERING FIRM F-14997

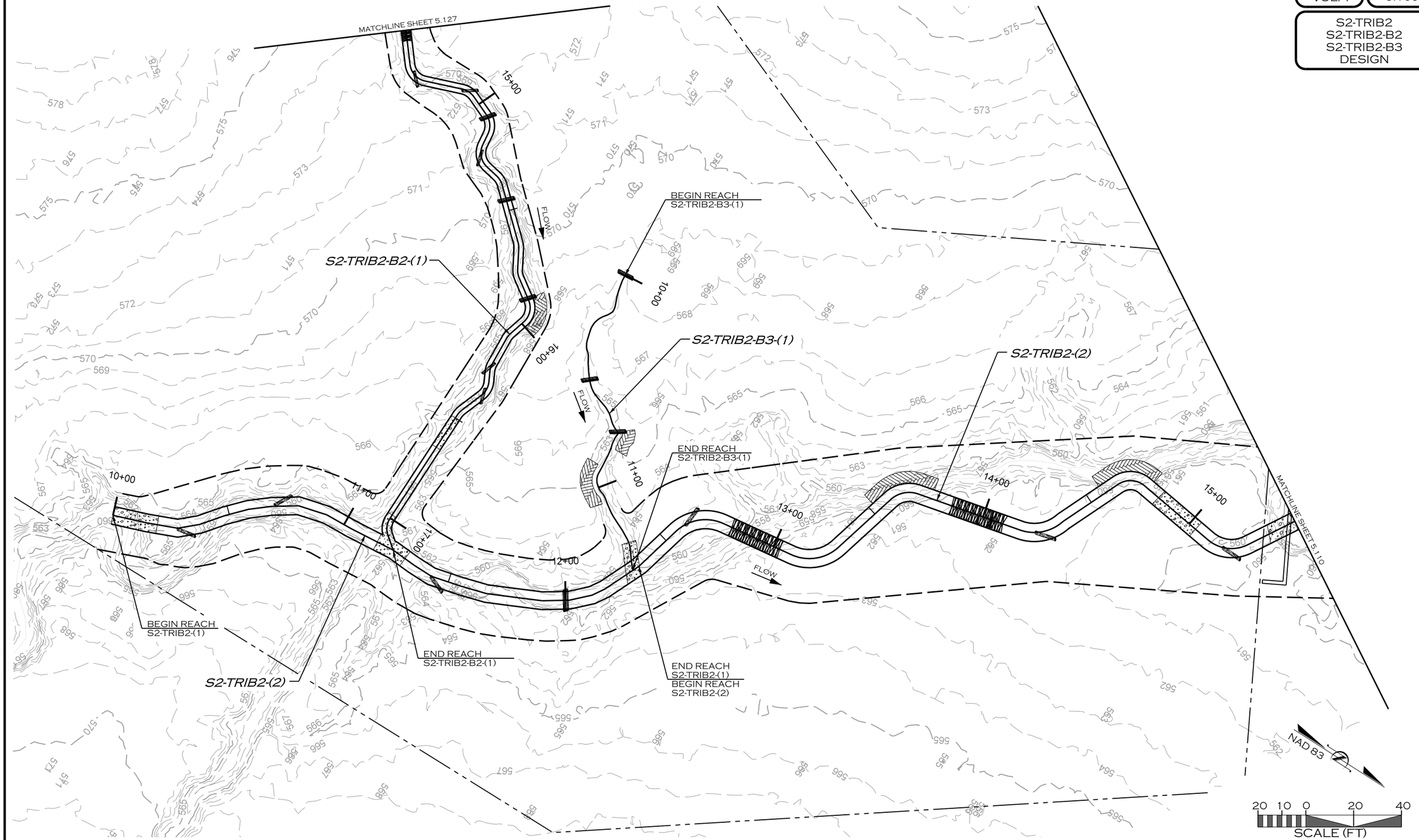
PROJECT ENGINEER

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JRICON

VOLUME NO. VOL. 1 | SHEET NO. 5.109

S2-TRIB2
S2-TRIB2-B2
S2-TRIB2-B3
DESIGN



REVISIONS				
NO.	DESCRIPTION	ENGR.	APPROV.	DATE
1	DRAFT DESIGN PLANS	EMP	KLT	7/01/19

PREPARED FOR:

UPPER TRINITY REGIONAL WATER DISTRICT

900 N KEALY ST
LEWISVILLE, TX 75057

LAKE RALPH HALL MITIGATION
MITIGATION ZONE A
FANNIN COUNTY, TEXAS

PREPARED IN THE OFFICE OF:

ECOSYSTEM PLANNING & RESTORATION

17575 N. ELDRIDGE PARKWAY, BLDG. C
TOMBALL, TX 77377
TEXAS REGISTERED ENGINEERING FIRM F-14997

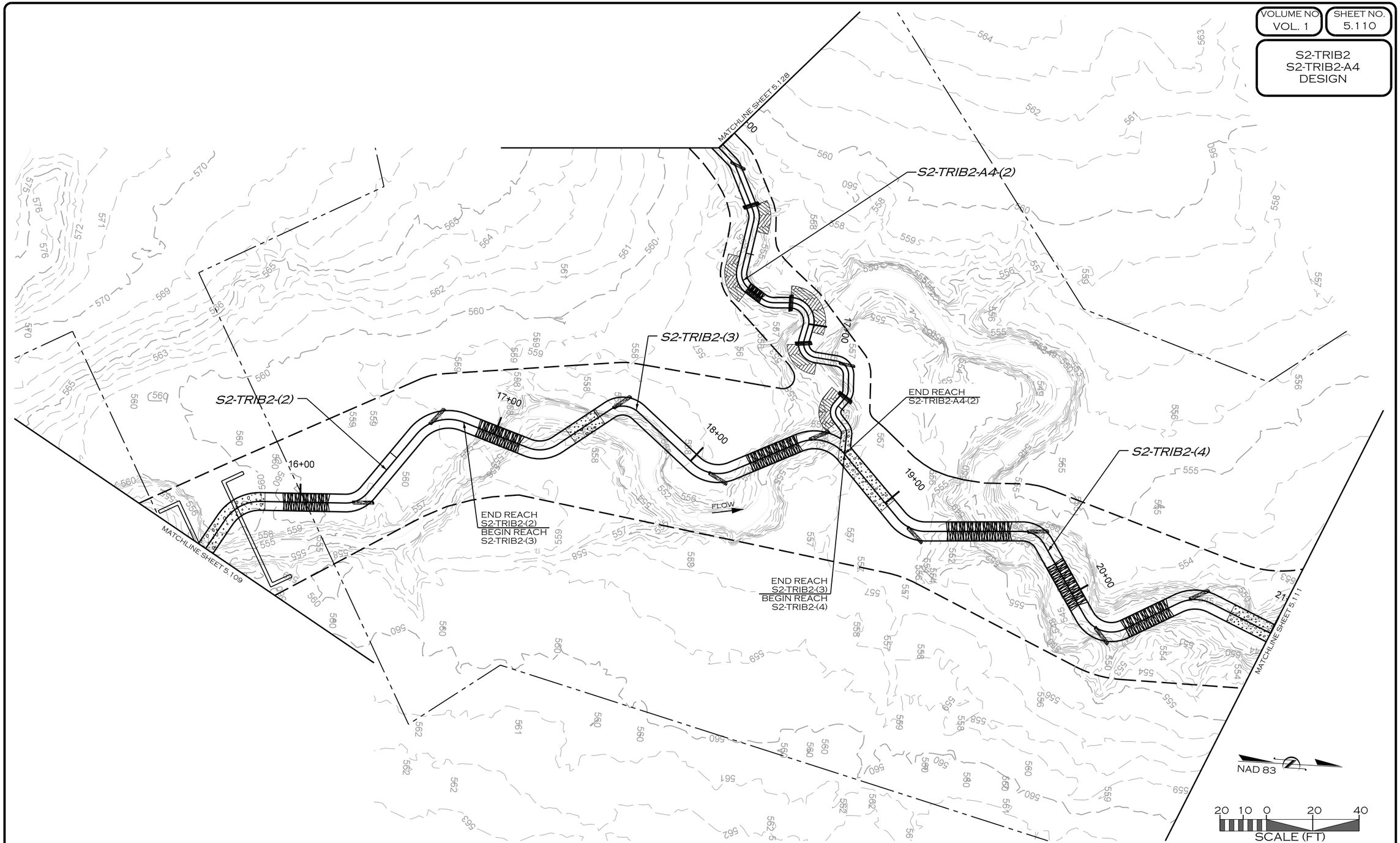
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VOLUME NO. VOL. 1 | SHEET NO. 5.110

S2-TRIB2
S2-TRIB2-A4
DESIGN



REVISIONS				
NO.	DESCRIPTION	ENGR.	APPROV	DATE
1	DRAFT DESIGN PLANS	EMP	KLT	7/01/19

PREPARED FOR:

UPPER TRINITY REGIONAL WATER DISTRICT

900 N KEALY ST
LEWISVILLE, TX 75057

LAKE RALPH HALL MITIGATION
MITIGATION ZONE A
FANNIN COUNTY, TEXAS

PREPARED IN THE OFFICE OF:

ECOSYSTEM PLANNING & RESTORATION

17575 N. ELDRIDGE PARKWAY, BLDG. C
TOMBALL, TX 77377
TEXAS REGISTERED ENGINEERING FIRM F-14997

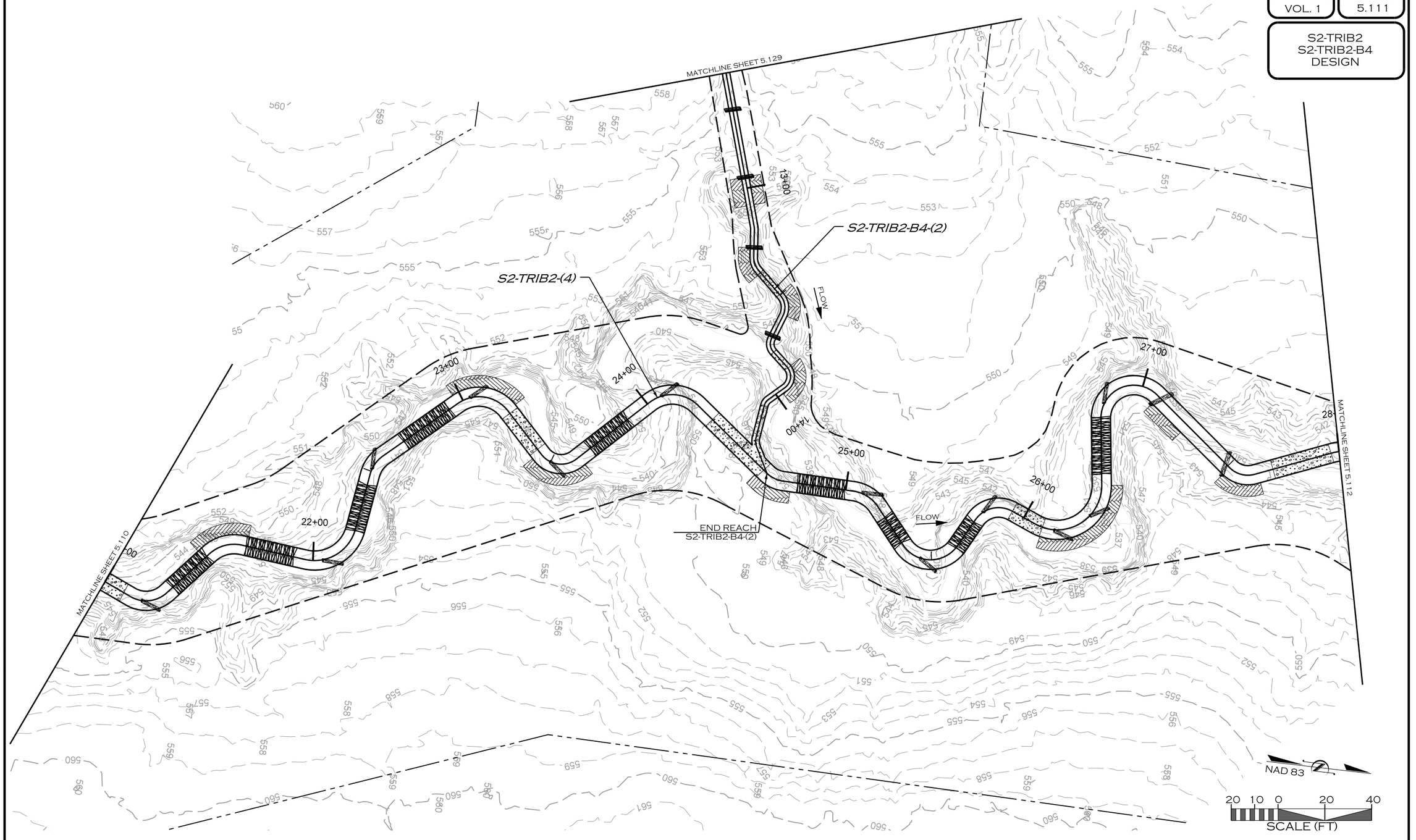
PROJECT ENGINEER

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JACOBSON

VOLUME NO. VOL. 1 | SHEET NO. 5.111

S2-TRIB2
S2-TRIB2-B4
DESIGN



REVISIONS				
NO.	DESCRIPTION	ENGR.	APPROV	DATE
1	DRAFT DESIGN PLANS	EMP	KLT	7/01/19

PREPARED FOR:

UPPER TRINITY REGIONAL WATER DISTRICT

900 N KEALY ST
LEWISVILLE, TX 75057

LAKE RALPH HALL MITIGATION
MITIGATION ZONE A
FANNIN COUNTY, TEXAS

PREPARED IN THE OFFICE OF:

ECOSYSTEM PLANNING & RESTORATION

17575 N. ELDRIDGE PARKWAY, BLDG. C
TOMBALL, TX 77377
TEXAS REGISTERED ENGINEERING FIRM F-14997

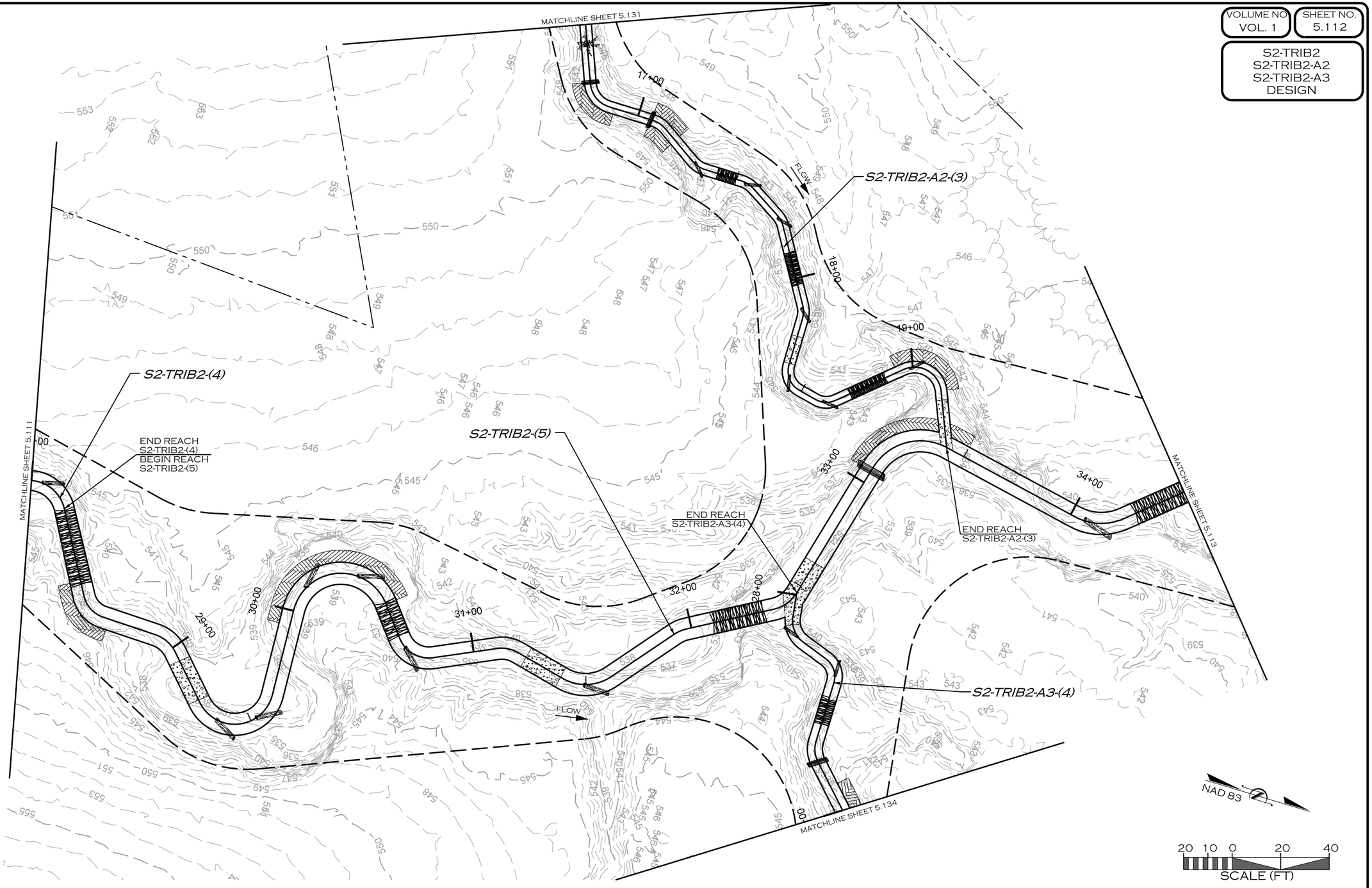
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JBROCK

VOLUME NO.	SHEET NO.
VOL. 1	5.112

S2-TRIB2
S2-TRIB2-A2
S2-TRIB2-A3
DESIGN



REVISIONS				
NO.	DESCRIPTION	ENGR.	APPROV	DATE
1	DRAFT DESIGN PLANS	EMP	KLT	7/01/19

PREPARED FOR:

UPPER TRINITY REGIONAL WATER DISTRICT

900 N KEALY ST
LEWISVILLE, TX 75057

LAKE RALPH HALL MITIGATION
MITIGATION ZONE A
FANNIN COUNTY, TEXAS

PREPARED IN THE OFFICE OF:

ECOSYSTEM PLANNING & RESTORATION

17575 N. ELDRIDGE PARKWAY, BLDG. C
TOMBALL, TX 77377
TEXAS REGISTERED ENGINEERING FIRM F-14997

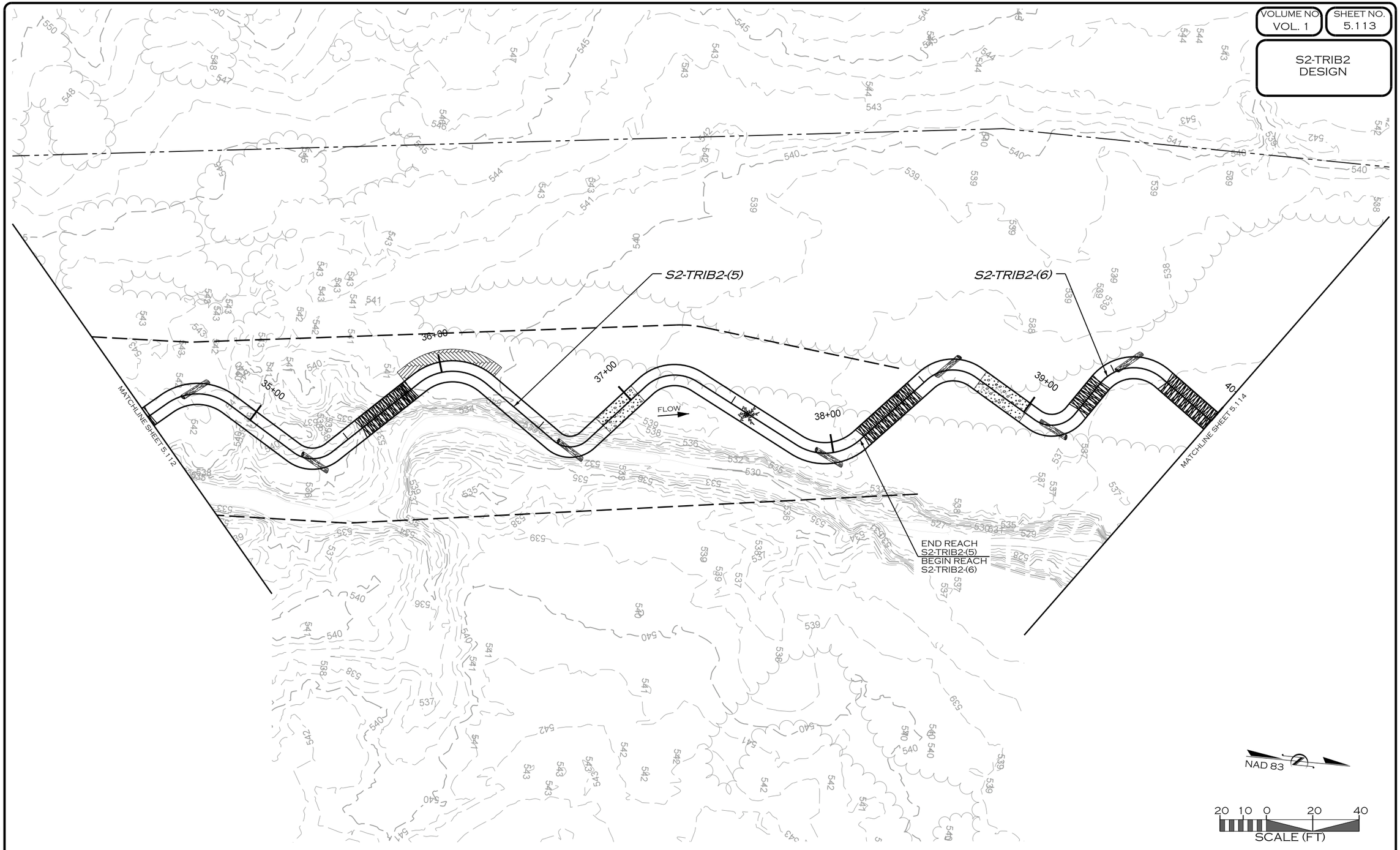
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PURPOSES ONLY

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JBROWN

VOLUME NO. VOL. 1 | SHEET NO. 5.113

S2-TRIB2 DESIGN



NAD 83

20 10 0 20 40
SCALE (FT)

REVISIONS				
NO.	DESCRIPTION	ENGR.	APPROV	DATE
1	DRAFT DESIGN PLANS	EMP	KLT	7/01/19

PREPARED FOR:

UPPER TRINITY REGIONAL WATER DISTRICT

900 N KEALY ST
LEWISVILLE, TX 75057

LAKE RALPH HALL MITIGATION
MITIGATION ZONE A
FANNIN COUNTY, TEXAS

PREPARED IN THE OFFICE OF:

ECOSYSTEM PLANNING & RESTORATION

17575 N. ELDRIDGE PARKWAY, BLDG. C
TOMBALL, TX 77377
TEXAS REGISTERED ENGINEERING FIRM F-14997

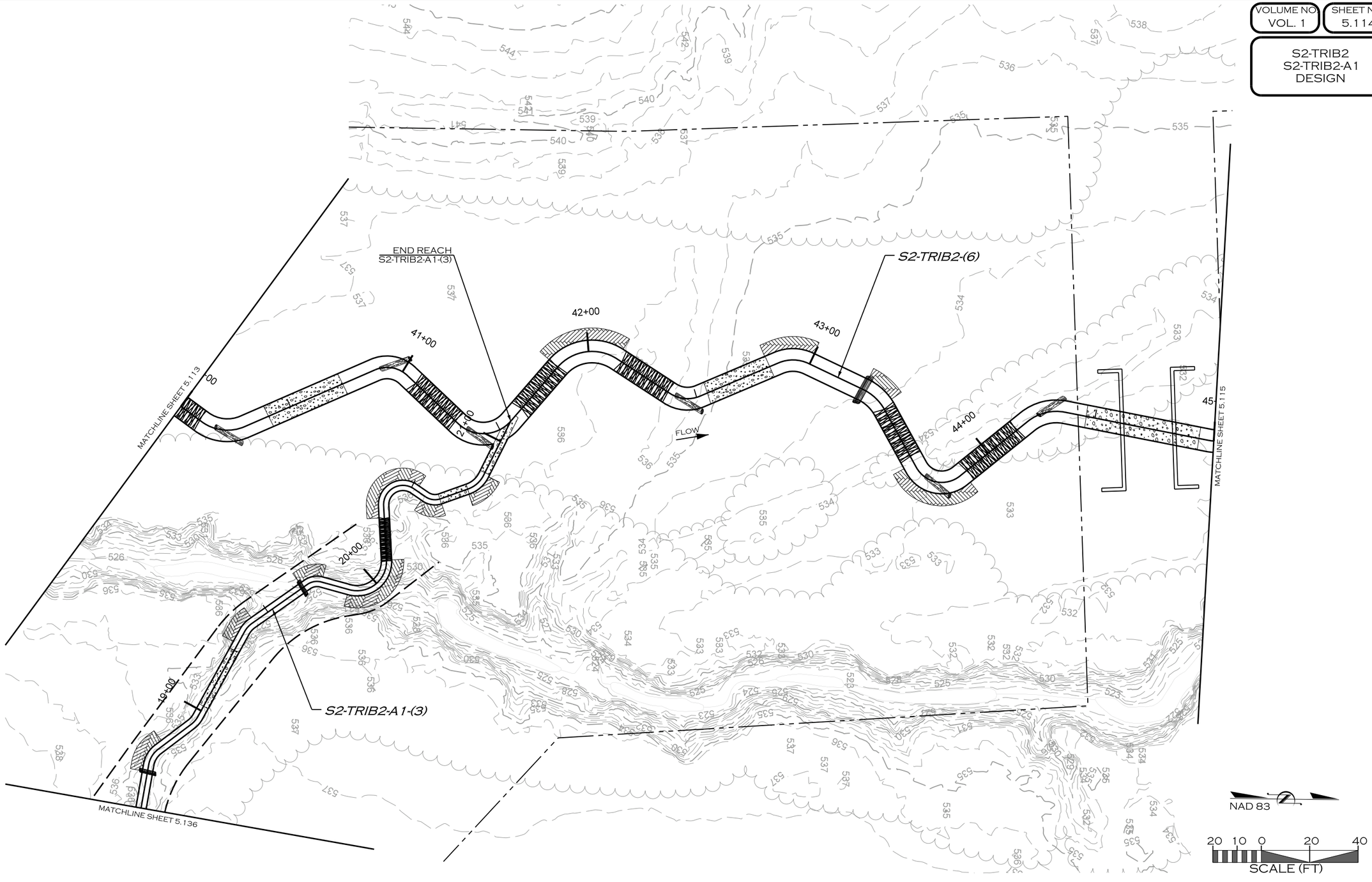
PROJECT ENGINEER

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KEVIN TWEEDY PE#113620
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MKOEN

VOLUME NO. VOL. 1 | SHEET NO. 5.114

S2-TRIB2
S2-TRIB2-A1
DESIGN



REVISIONS				
NO.	DESCRIPTION	ENGR.	APPROV.	DATE
1	DRAFT DESIGN PLANS	EMP	KLT	7/01/19

PREPARED FOR:

UPPER TRINITY REGIONAL WATER DISTRICT

900 N KEALY ST
LEWISVILLE, TX 75057

LAKE RALPH HALL MITIGATION
MITIGATION ZONE A
FANNIN COUNTY, TEXAS

PREPARED IN THE OFFICE OF:

ECOSYSTEM PLANNING & RESTORATION

17575 N. ELDRIDGE PARKWAY, BLDG. C
TOMBALL, TX 77377
TEXAS REGISTERED ENGINEERING FIRM F-14997

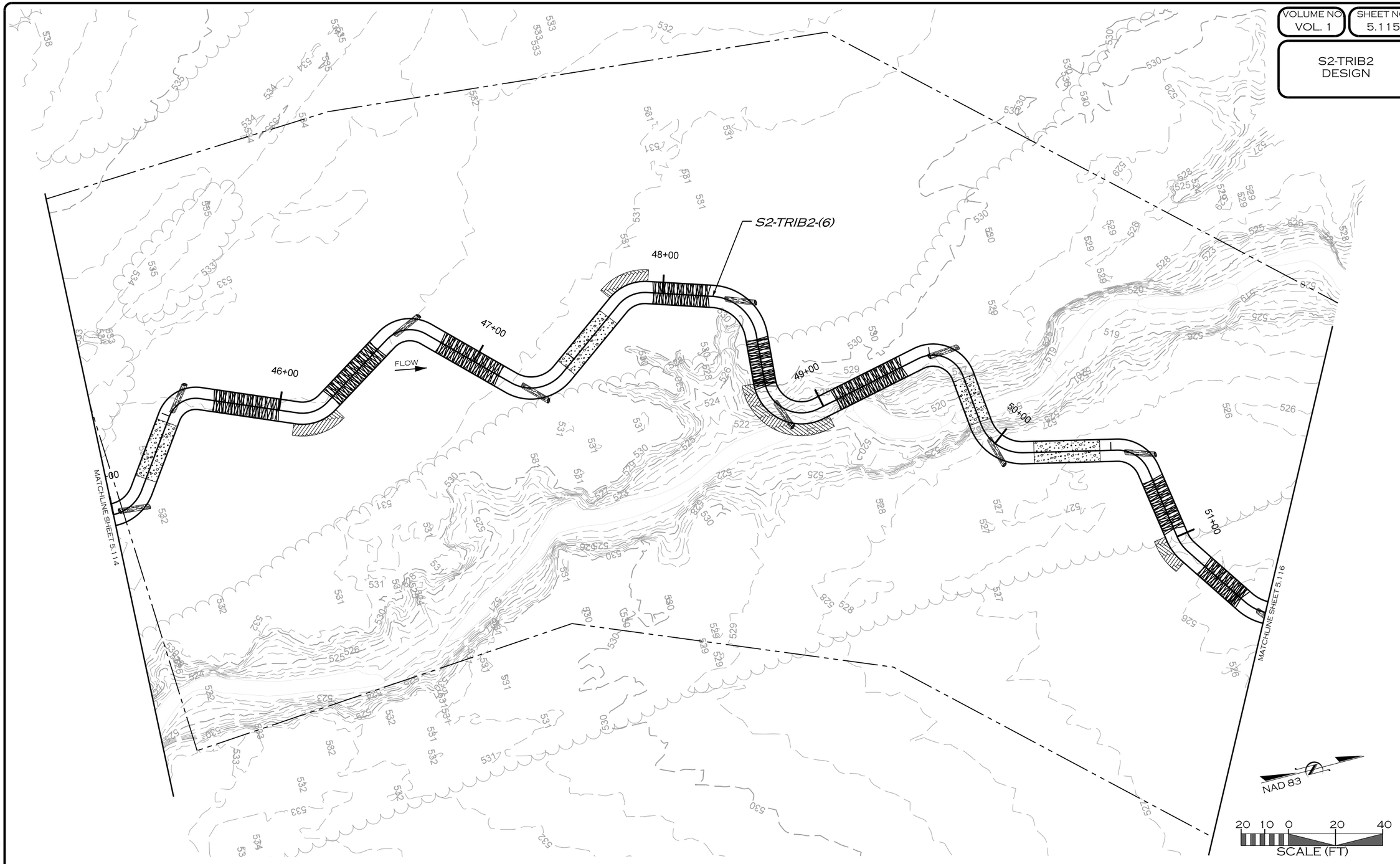
PROJECT ENGINEER

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JRICCIN

VOLUME NO. VOL. 1 | SHEET NO. 5.115

S2-TRIB2 DESIGN



REVISIONS				
NO.	DESCRIPTION	ENGR.	APPROV	DATE
1	DRAFT DESIGN PLANS	EMP	KLT	7/01/19

PREPARED FOR:

UPPER TRINITY REGIONAL WATER DISTRICT

900 N KEALY ST
LEWISVILLE, TX 75057

LAKE RALPH HALL MITIGATION
MITIGATION ZONE A
FANNIN COUNTY, TEXAS

PREPARED IN THE OFFICE OF:

ECOSYSTEM PLANNING & RESTORATION

17575 N. ELDRIDGE PARKWAY, BLDG. C
TOMBALL, TX 77377
TEXAS REGISTERED ENGINEERING FIRM F-14997

PROJECT ENGINEER

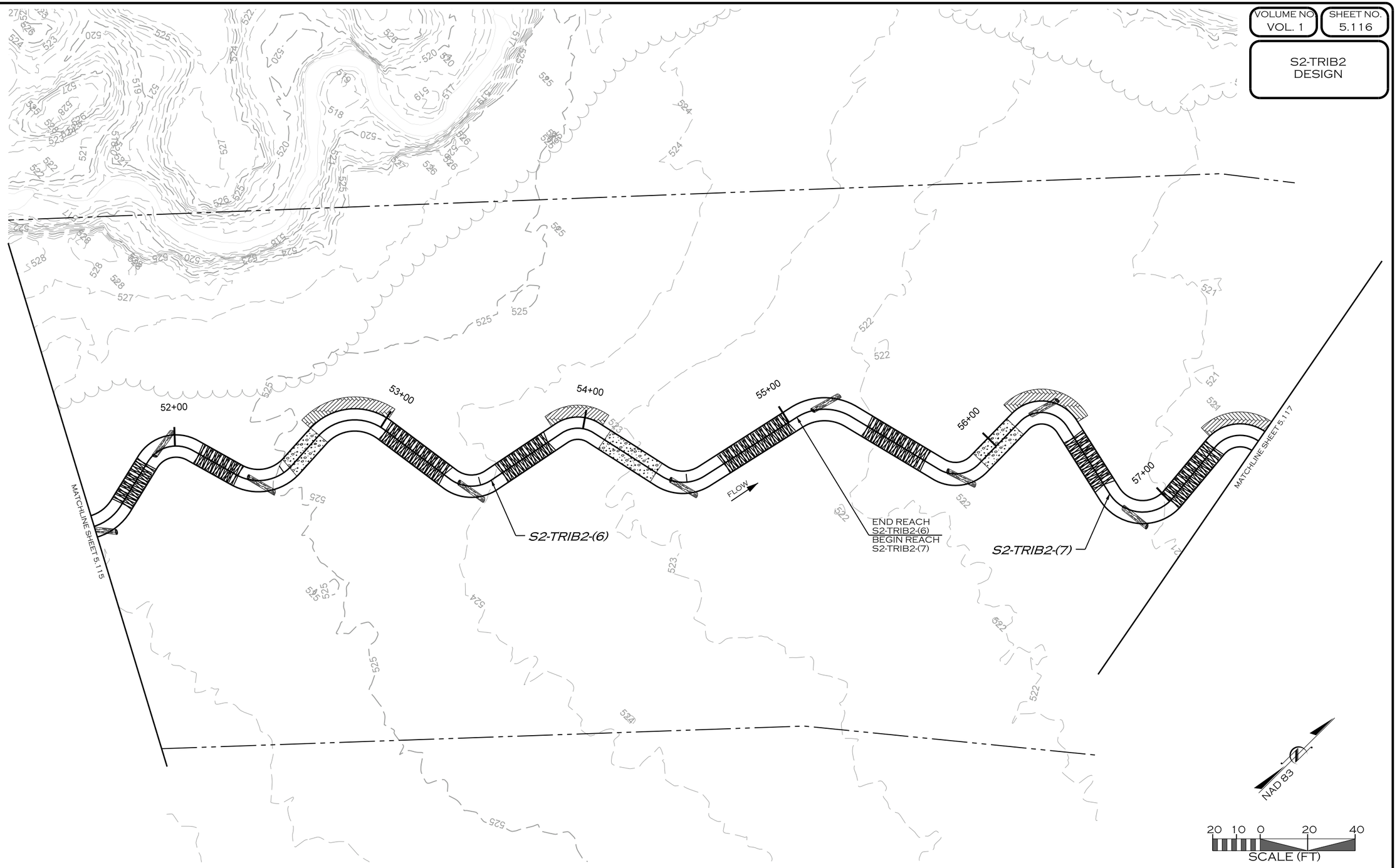
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KEVIN TWEEDY PE#113620
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JKOON

VOLUME NO.
VOL. 1

SHEET NO.
5.116

S2-TRIB2
DESIGN



REVISIONS				
NO.	DESCRIPTION	ENGR.	APPROV	DATE
1	DRAFT DESIGN PLANS	EMP	KLT	7/01/19

PREPARED FOR:

UPPER TRINITY REGIONAL WATER DISTRICT

900 N KEALY ST
LEWISVILLE, TX 75057

LAKE RALPH HALL MITIGATION
MITIGATION ZONE A
FANNIN COUNTY, TEXAS

PREPARED IN THE OFFICE OF:

ECOSYSTEM PLANNING & RESTORATION

17575 N. ELDRIDGE PARKWAY, BLDG. C
TOMBALL, TX 77377
TEXAS REGISTERED ENGINEERING FIRM F-14997

PROJECT ENGINEER

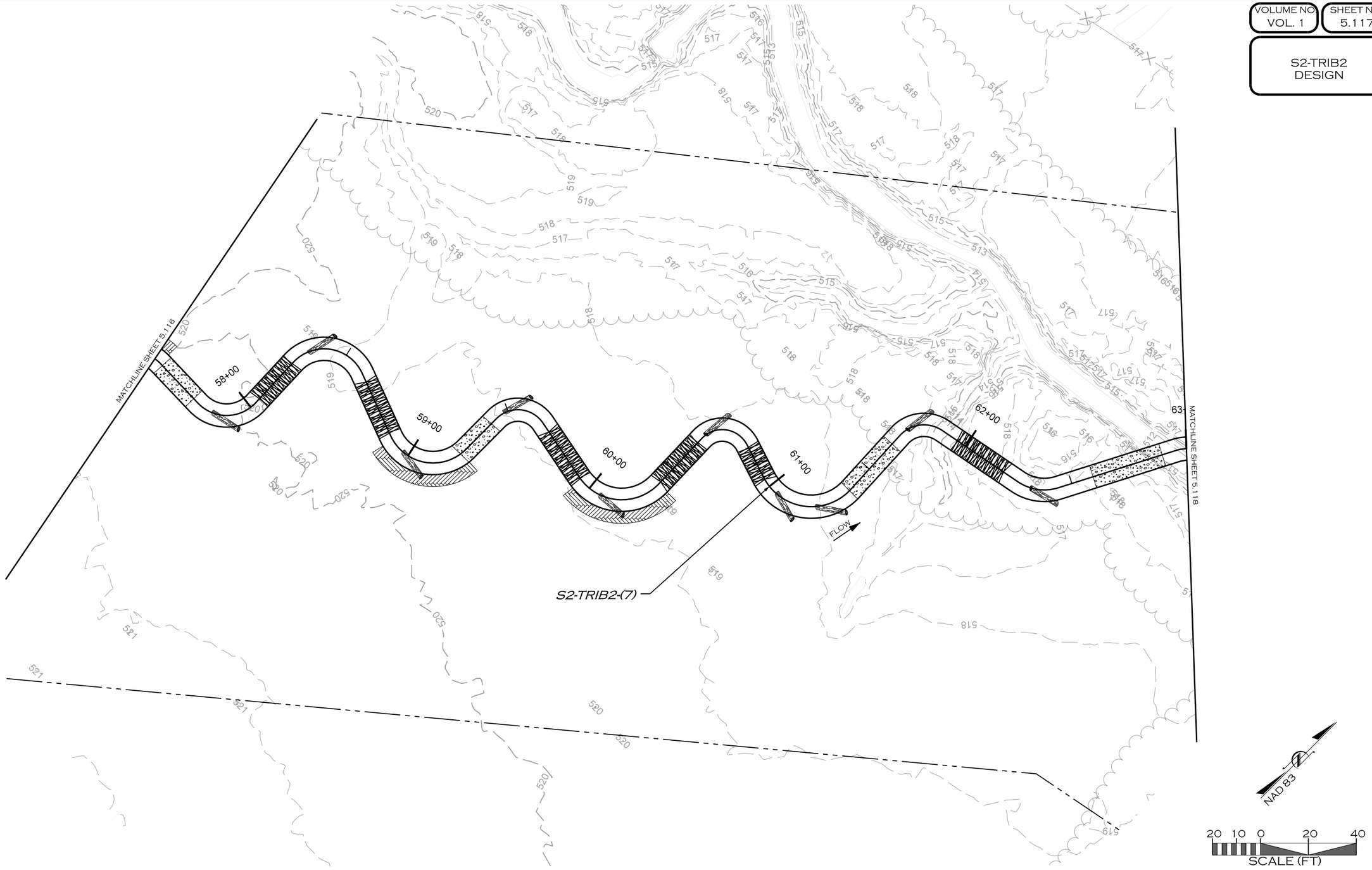
NOT FOR CONSTRUCTION
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MKOEN

VOLUME NO.
VOL. 1

SHEET NO.
5.117

S2-TRIB2
DESIGN



REVISIONS				
NO.	DESCRIPTION	ENGR.	APPROV.	DATE
1	DRAFT DESIGN PLANS	EMP	KLT	7/01/19

PREPARED FOR:

UPPER TRINITY REGIONAL WATER DISTRICT

900 N KEALY ST
LEWISVILLE, TX 75057

LAKE RALPH HALL MITIGATION
MITIGATION ZONE A
FANNIN COUNTY, TEXAS

PREPARED IN THE OFFICE OF:

ECOSYSTEM PLANNING & RESTORATION

17575 N. ELDRIDGE PARKWAY, BLDG. C
TOMBALL, TX 77377
TEXAS REGISTERED ENGINEERING FIRM F-14997

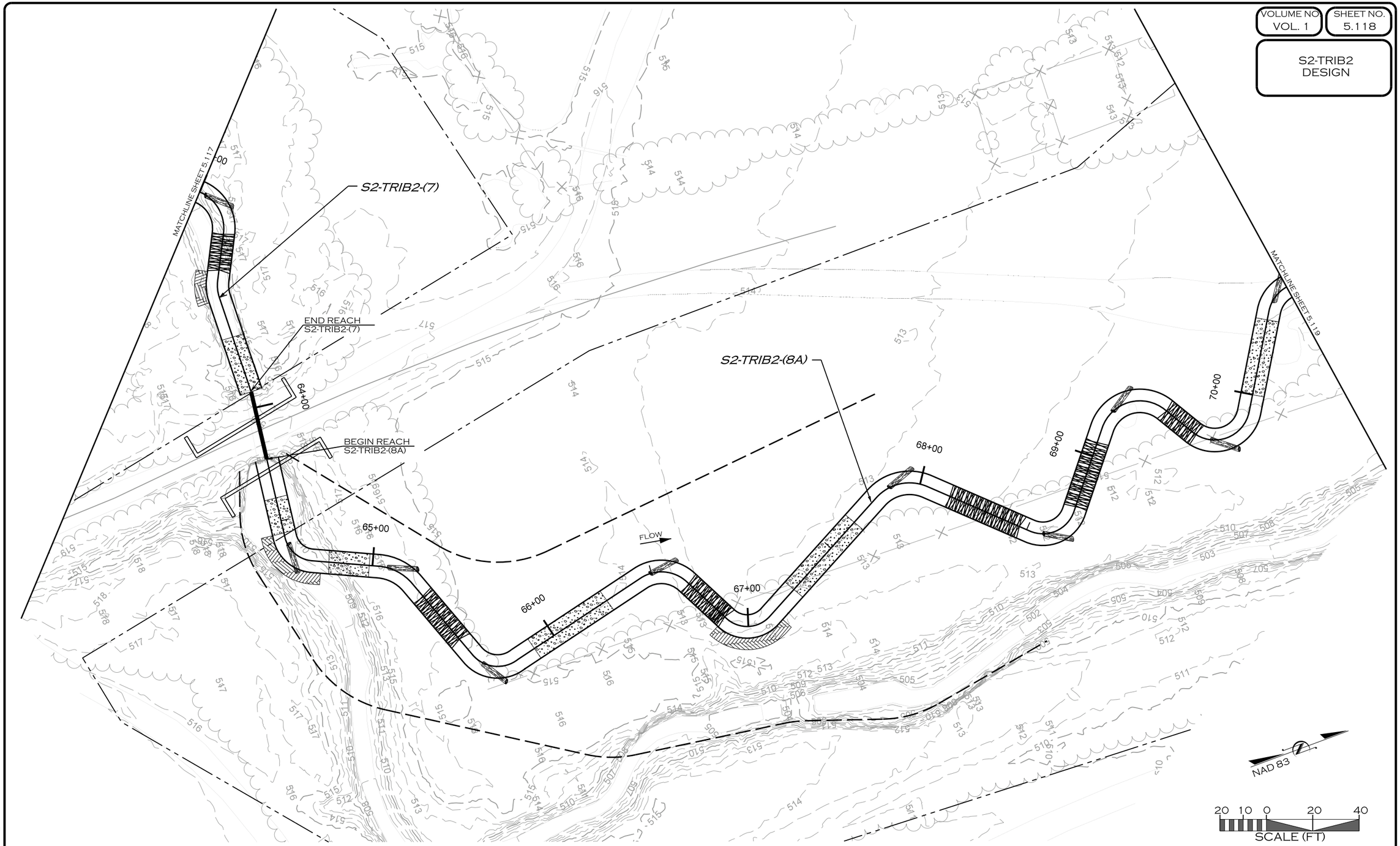
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MICRON

VOLUME NO. VOL. 1 | SHEET NO. 5.118

S2-TRIB2 DESIGN



REVISIONS				
NO.	DESCRIPTION	ENGR.	APPROV	DATE
1	DRAFT DESIGN PLANS	EMP	KLT	7/01/19

PREPARED FOR:

UPPER TRINITY REGIONAL WATER DISTRICT

900 N KEALY ST
LEWISVILLE, TX 75057

LAKE RALPH HALL MITIGATION
MITIGATION ZONE A
FANNIN COUNTY, TEXAS

PREPARED IN THE OFFICE OF:

ECOSYSTEM PLANNING & RESTORATION

17575 N. ELDRIDGE PARKWAY, BLDG. C
TOMBALL, TX 77377
TEXAS REGISTERED ENGINEERING FIRM F-14997

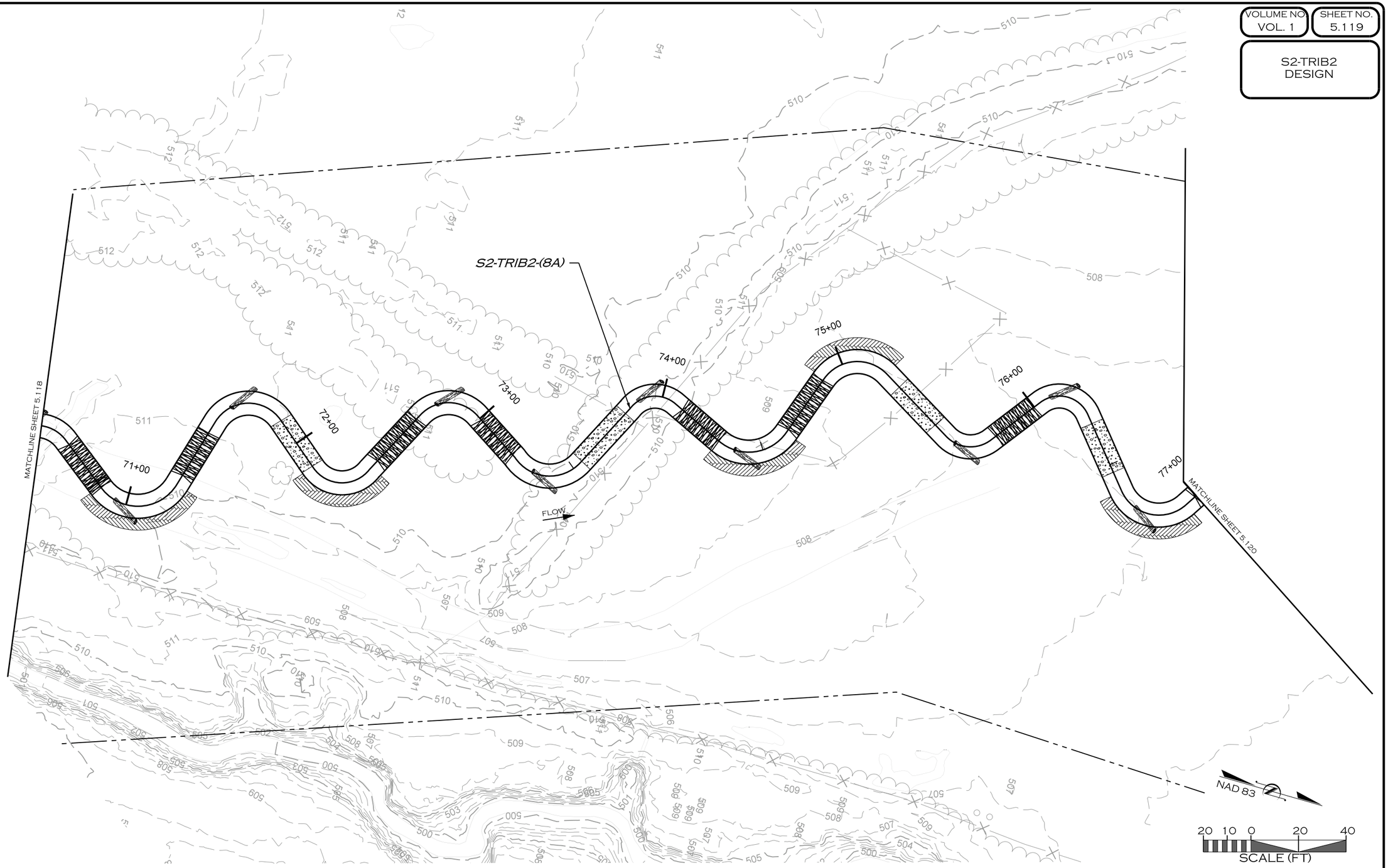
PROJECT ENGINEER

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MICRO

VOLUME NO. VOL. 1 | SHEET NO. 5.119

S2-TRIB2 DESIGN



REVISIONS				
NO.	DESCRIPTION	ENGR.	APPROV.	DATE
1	DRAFT DESIGN PLANS	EMP	KLT	7/01/19

PREPARED FOR:

UPPER TRINITY REGIONAL WATER DISTRICT

900 N KEALY ST
LEWISVILLE, TX 75057

LAKE RALPH HALL MITIGATION
MITIGATION ZONE A
FANNIN COUNTY, TEXAS

PREPARED IN THE OFFICE OF:

ECOSYSTEM PLANNING & RESTORATION

17575 N. ELDRIDGE PARKWAY, BLDG. C
TOMBALL, TX 77377
TEXAS REGISTERED ENGINEERING FIRM F-14997

PROJECT ENGINEER

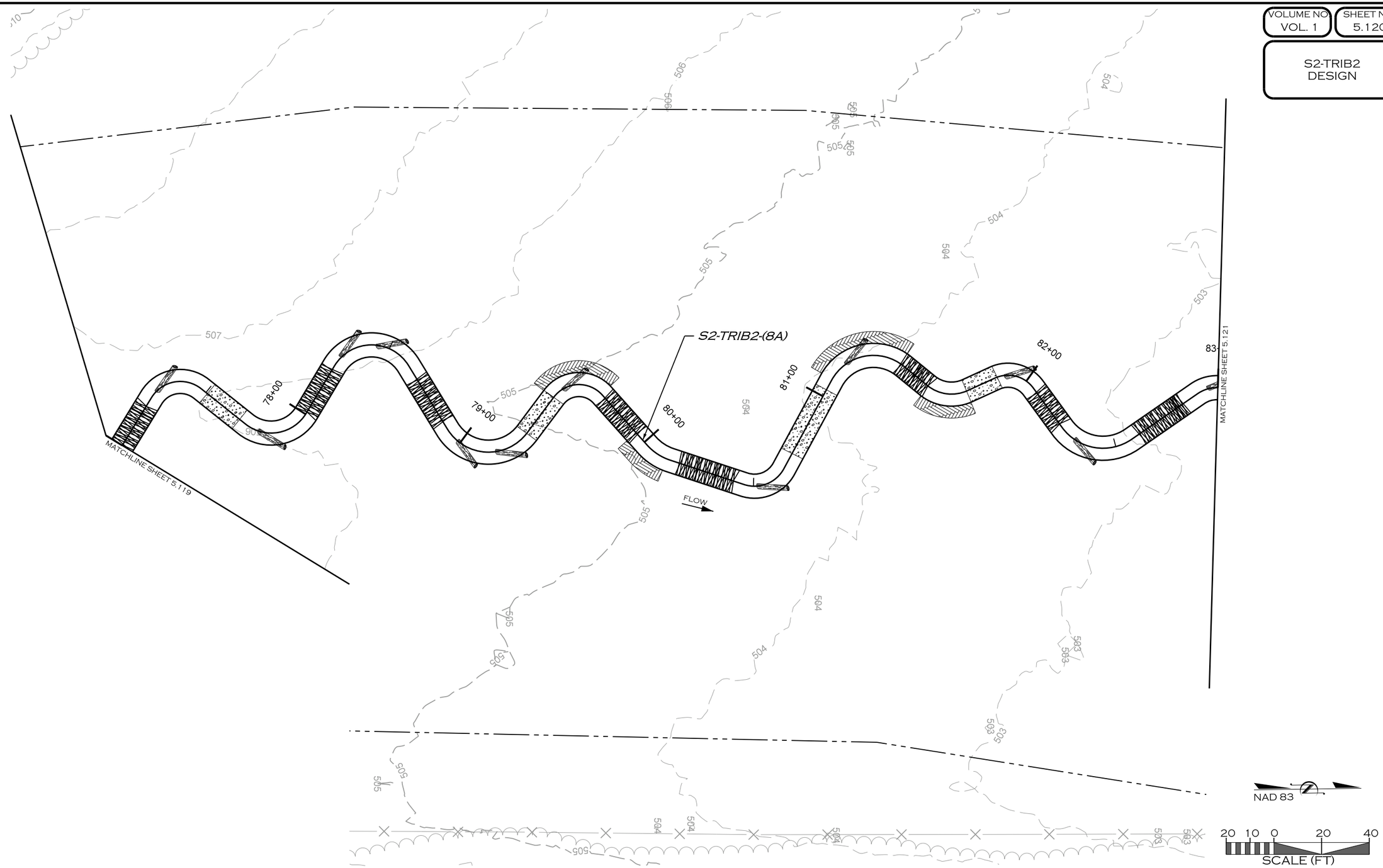
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JRICON

VOLUME NO.
VOL. 1

SHEET NO.
5.120

S2-TRIB2
DESIGN



REVISIONS				
NO.	DESCRIPTION	ENGR.	APPROV.	DATE
1	DRAFT DESIGN PLANS	EMP	KLT	7/01/19

PREPARED FOR:

UPPER TRINITY REGIONAL WATER DISTRICT

900 N KEALY ST
LEWISVILLE, TX 75057

LAKE RALPH HALL MITIGATION
MITIGATION ZONE A
FANNIN COUNTY, TEXAS

PREPARED IN THE OFFICE OF:

ECOSYSTEM PLANNING & RESTORATION

17575 N. ELDRIDGE PARKWAY, BLDG. C
TOMBALL, TX 77377
TEXAS REGISTERED ENGINEERING FIRM F-14997

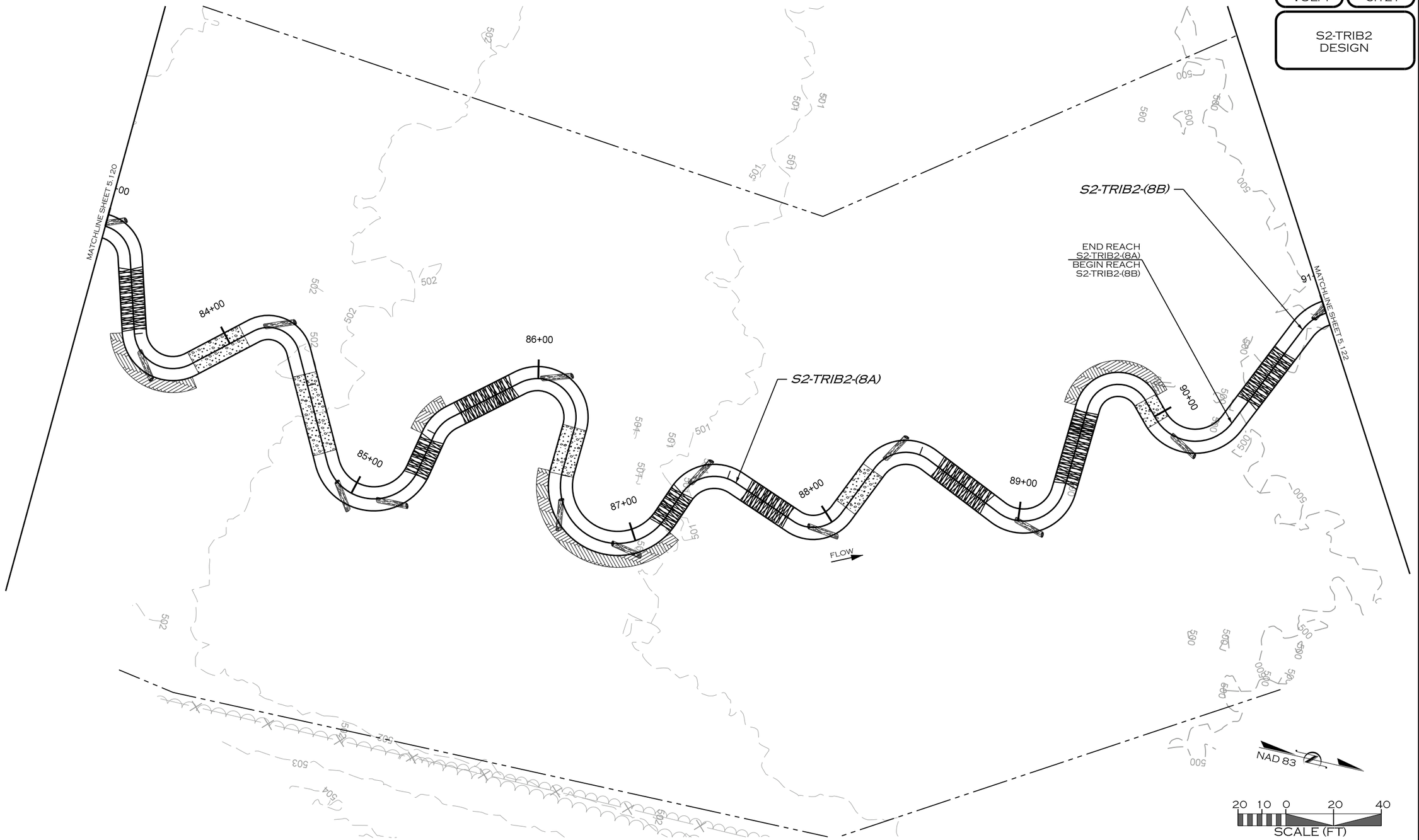
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VOLUME NO. VOL. 1 | SHEET NO. 5.121

S2-TRIB2 DESIGN



REVISIONS				
NO.	DESCRIPTION	ENGR.	APPROV.	DATE
1	DRAFT DESIGN PLANS	EMP	KLT	7/01/19

PREPARED FOR:

UPPER TRINITY REGIONAL WATER DISTRICT

900 N KEALY ST
LEWISVILLE, TX 75057

LAKE RALPH HALL MITIGATION
MITIGATION ZONE A
FANNIN COUNTY, TEXAS

PREPARED IN THE OFFICE OF:

ECOSYSTEM PLANNING & RESTORATION

17575 N. ELDRIDGE PARKWAY, BLDG. C
TOMBALL, TX 77377
TEXAS REGISTERED ENGINEERING FIRM F-14997

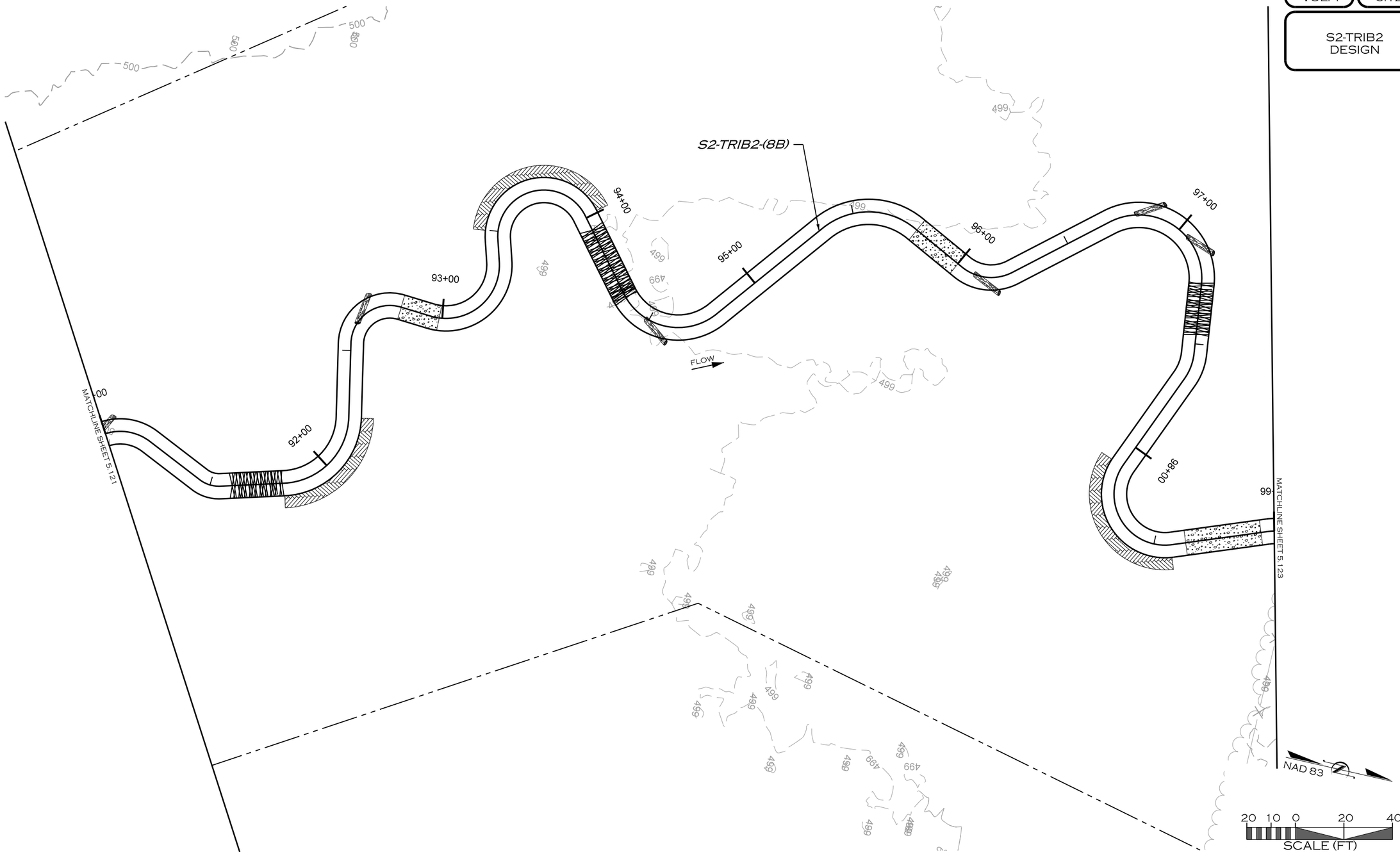
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MKOPN

VOLUME NO. VOL. 1 | SHEET NO. 5.122

S2-TRIB2 DESIGN



REVISIONS				
NO.	DESCRIPTION	ENGR.	APPROV	DATE
1	DRAFT DESIGN PLANS	EMP	KLT	7/01/19

PREPARED FOR:

UPPER TRINITY REGIONAL WATER DISTRICT

900 N KEALY ST
LEWISVILLE, TX 75057

LAKE RALPH HALL MITIGATION
MITIGATION ZONE A
FANNIN COUNTY, TEXAS

PREPARED IN THE OFFICE OF:

ECOSYSTEM PLANNING & RESTORATION

17575 N. ELDRIDGE PARKWAY, BLDG. C
TOMBALL, TX 77377
TEXAS REGISTERED ENGINEERING FIRM F-14997

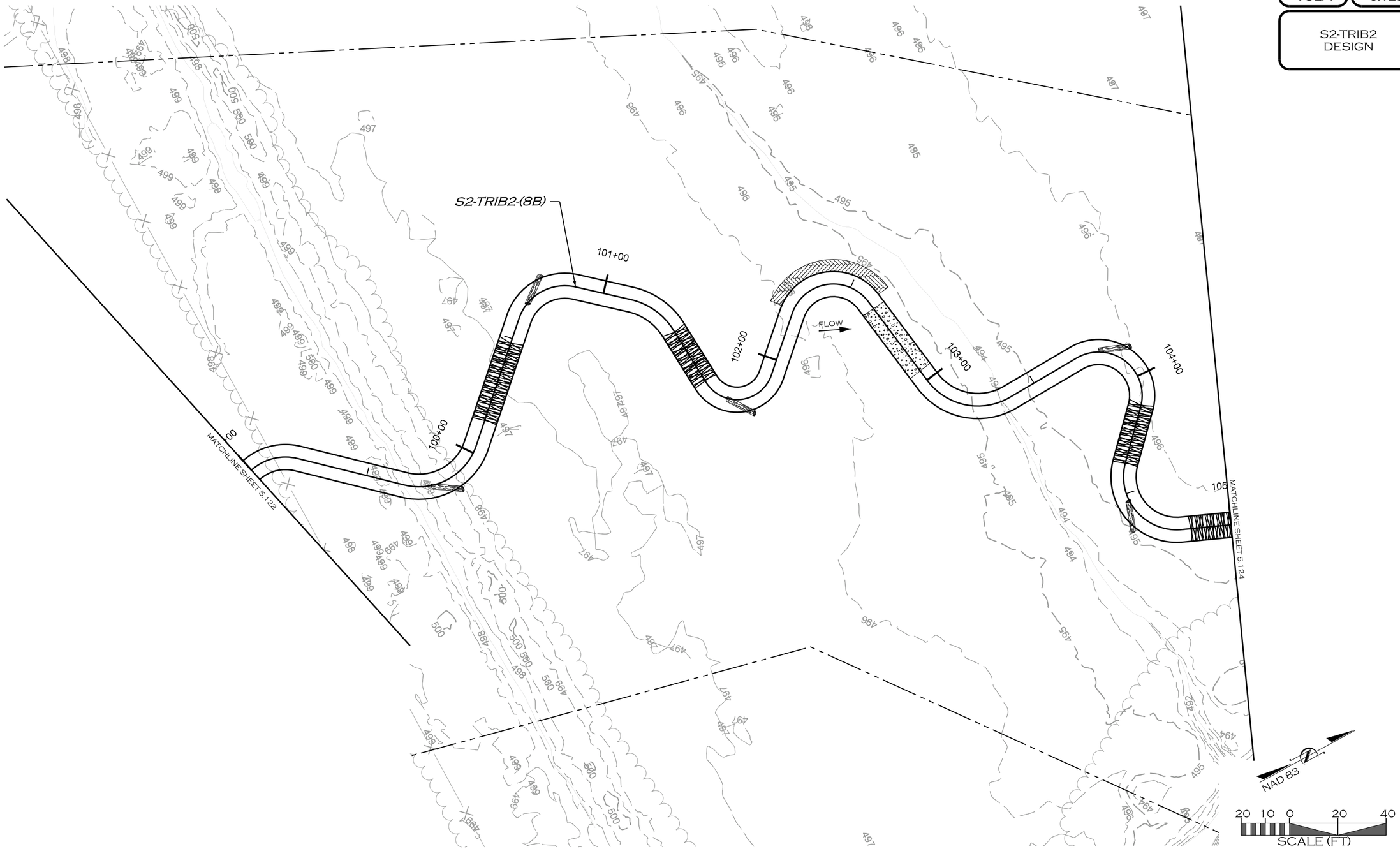
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MICOR

VOLUME NO. VOL. 1 | SHEET NO. 5.123

S2-TRIB2 DESIGN



REVISIONS				
NO.	DESCRIPTION	ENGR.	APPROV	DATE
1	DRAFT DESIGN PLANS	EMP	KLT	7/01/19

PREPARED FOR:

UPPER TRINITY REGIONAL WATER DISTRICT

900 N KEALY ST
LEWISVILLE, TX 75057

LAKE RALPH HALL MITIGATION
MITIGATION ZONE A
FANNIN COUNTY, TEXAS

PREPARED IN THE OFFICE OF:

ECOSYSTEM PLANNING & RESTORATION

17575 N. ELDRIDGE PARKWAY, BLDG. C
TOMBALL, TX 77377
TEXAS REGISTERED ENGINEERING FIRM F-14997

PROJECT ENGINEER

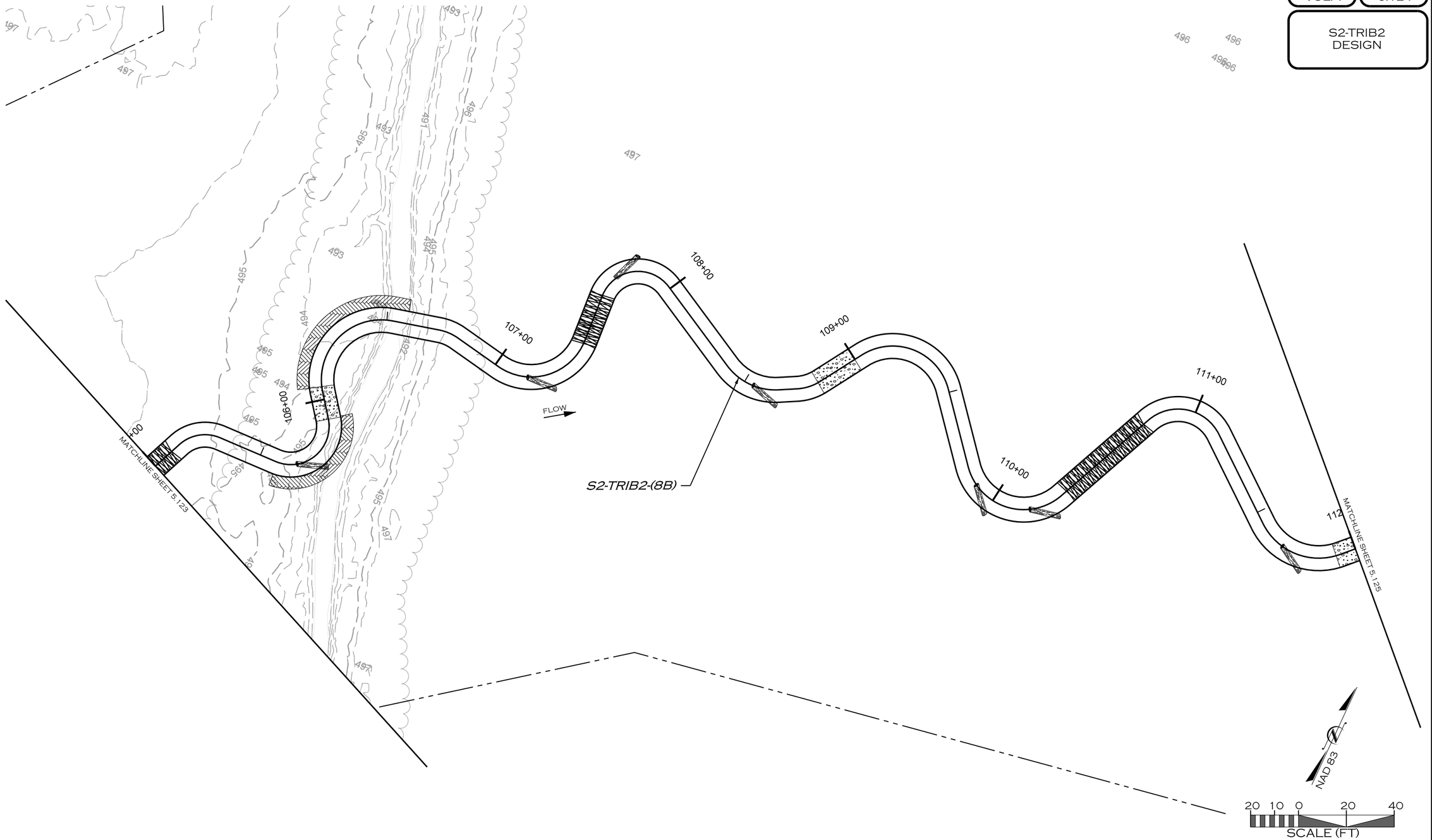
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MKOON

VOLUME NO.
VOL. 1

SHEET NO.
5.124

S2-TRIB2
DESIGN



REVISIONS				
NO.	DESCRIPTION	ENGR.	APPROV.	DATE
1	DRAFT DESIGN PLANS	EMP	KLT	7/01/19

PREPARED FOR:

UPPER TRINITY REGIONAL WATER DISTRICT

900 N KEALY ST
LEWISVILLE, TX 75057

LAKE RALPH HALL MITIGATION
MITIGATION ZONE A
FANNIN COUNTY, TEXAS

PREPARED IN THE OFFICE OF:

ECOSYSTEM PLANNING & RESTORATION

17575 N. ELDRIDGE PARKWAY, BLDG. C
TOMBALL, TX 77377
TEXAS REGISTERED ENGINEERING FIRM F-14997

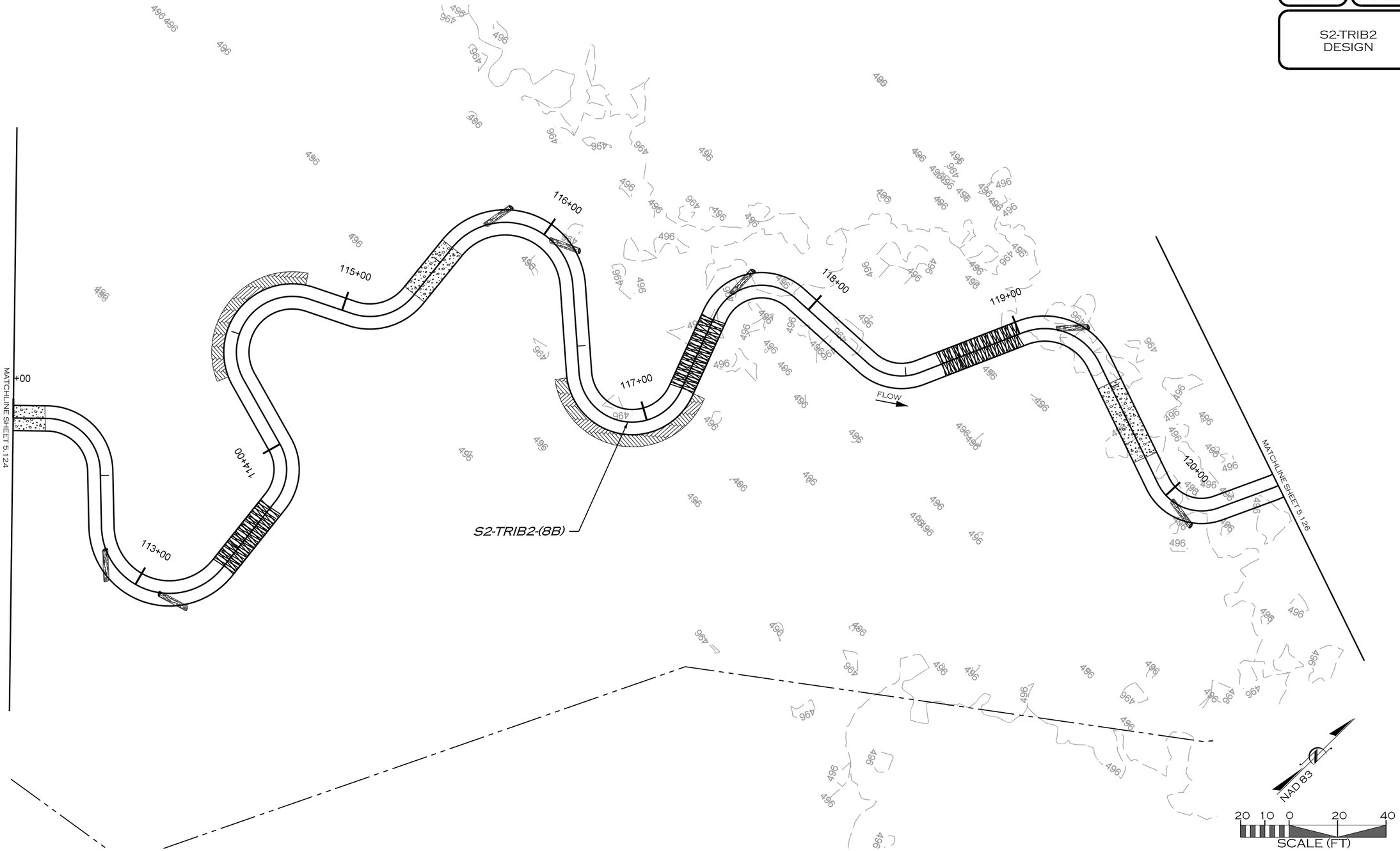
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JRICCIN

VOLUME NO.	SHEET NO.
VOL. 1	5.125

S2-TRIB2
DESIGN



REVISIONS

NO.	DESCRIPTION	ENGR.	APPROV	DATE
1	DRAFT DESIGN PLANS	EMP	KLT	7/01/19

PREPARED FOR:

UPPER TRINITY REGIONAL WATER DISTRICT

900 N KEALY ST
LEWISVILLE, TX 75057

LAKE RALPH HALL MITIGATION
MITIGATION ZONE A
FANNIN COUNTY, TEXAS

PREPARED IN THE OFFICE OF:

ECOSYSTEM PLANNING & RESTORATION

17575 N. ELDRIDGE PARKWAY, BLDG. C
TOMBALL, TX 77377
TEXAS REGISTERED ENGINEERING FIRM F-14997

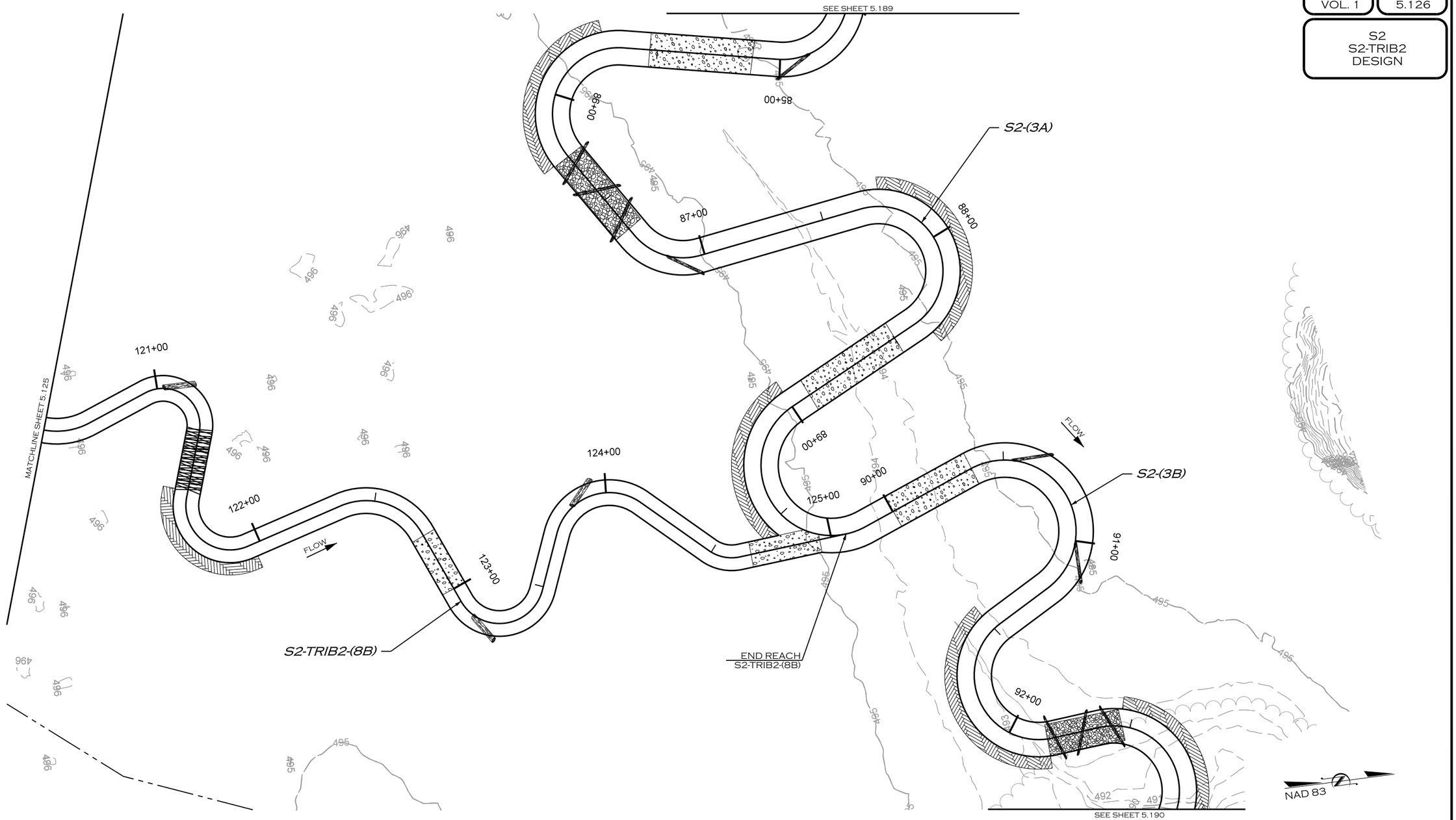
PROJECT ENGINEER

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KEVIN TWEEDY PE#113620
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MICOR

VOLUME NO. VOL. 1 | SHEET NO. 5.126

S2
S2-TRIB2
DESIGN



REVISIONS				
NO.	DESCRIPTION	ENGR.	APPROV.	DATE
1	DRAFT DESIGN PLANS	EMP	KLT	7/01/19

PREPARED FOR:

UPPER TRINITY REGIONAL WATER DISTRICT

900 N KEALY ST
LEWISVILLE, TX 75057

LAKE RALPH HALL MITIGATION
MITIGATION ZONE A
FANNIN COUNTY, TEXAS

PREPARED IN THE OFFICE OF:

ECOSYSTEM PLANNING & RESTORATION

17575 N. ELDRIDGE PARKWAY, BLDG. C
TOMBALL, TX 77377
TEXAS REGISTERED ENGINEERING FIRM F-14997

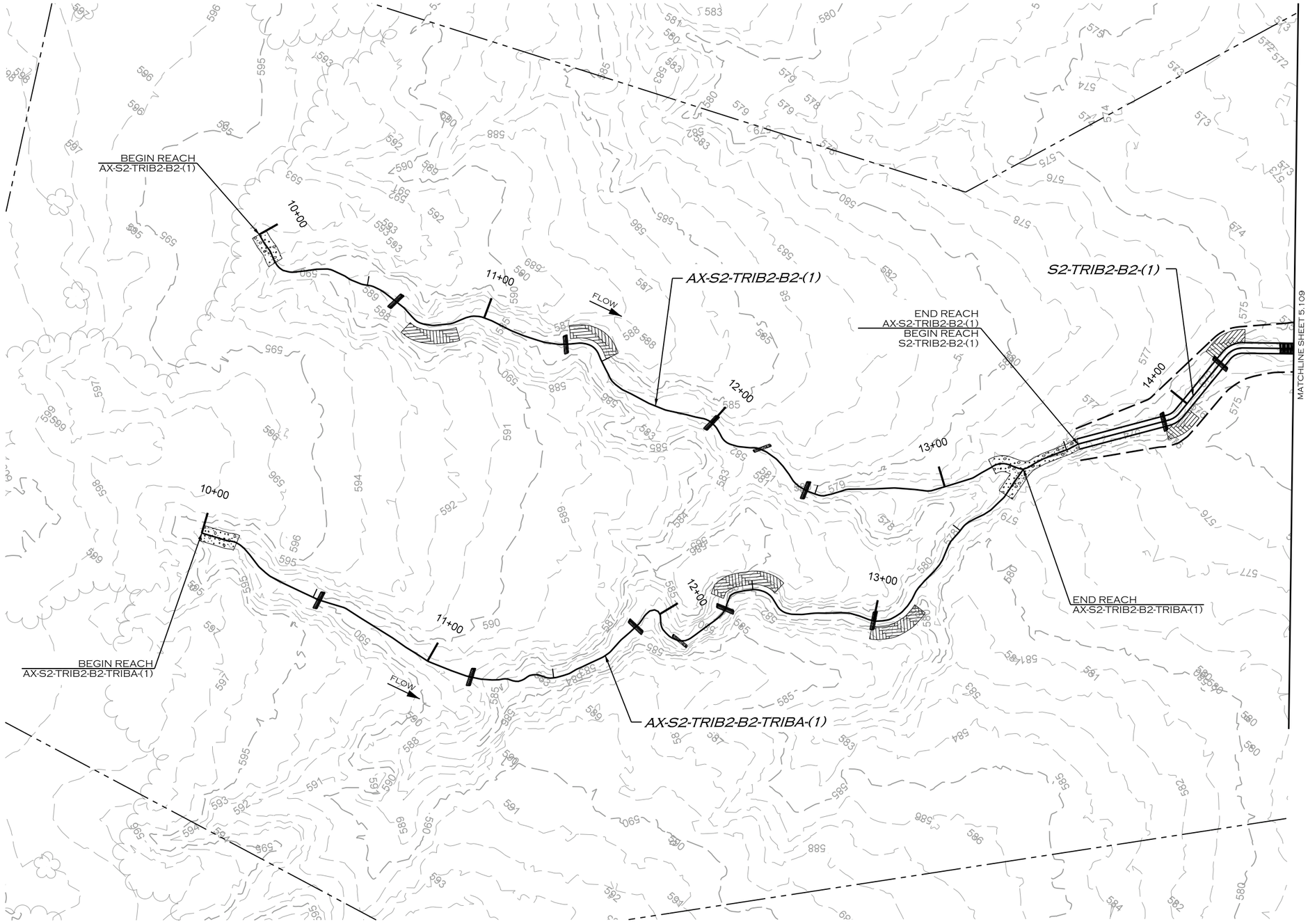
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PURPOSES ONLY

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JBROWN

VOLUME NO.	SHEET NO.
VOL. 1	5.127

S2-TRIB2-B2
AX-S2-TRIB2-B2
AX-S2-TRIB2-B2-TRIBA
DESIGN



REVISIONS				
NO.	DESCRIPTION	ENGR.	APPROV.	DATE
1	DRAFT DESIGN PLANS	EMP	KLT	7/01/19

PREPARED FOR:

UPPER TRINITY REGIONAL WATER DISTRICT

900 N KEALY ST
LEWISVILLE, TX 75057

LAKE RALPH HALL MITIGATION
MITIGATION ZONE A
FANNIN COUNTY, TEXAS

PREPARED IN THE OFFICE OF:

ECOSYSTEM PLANNING & RESTORATION

17575 N. ELDRIDGE PARKWAY, BLDG. C
TOMBALL, TX 77377
TEXAS REGISTERED ENGINEERING FIRM F-14997

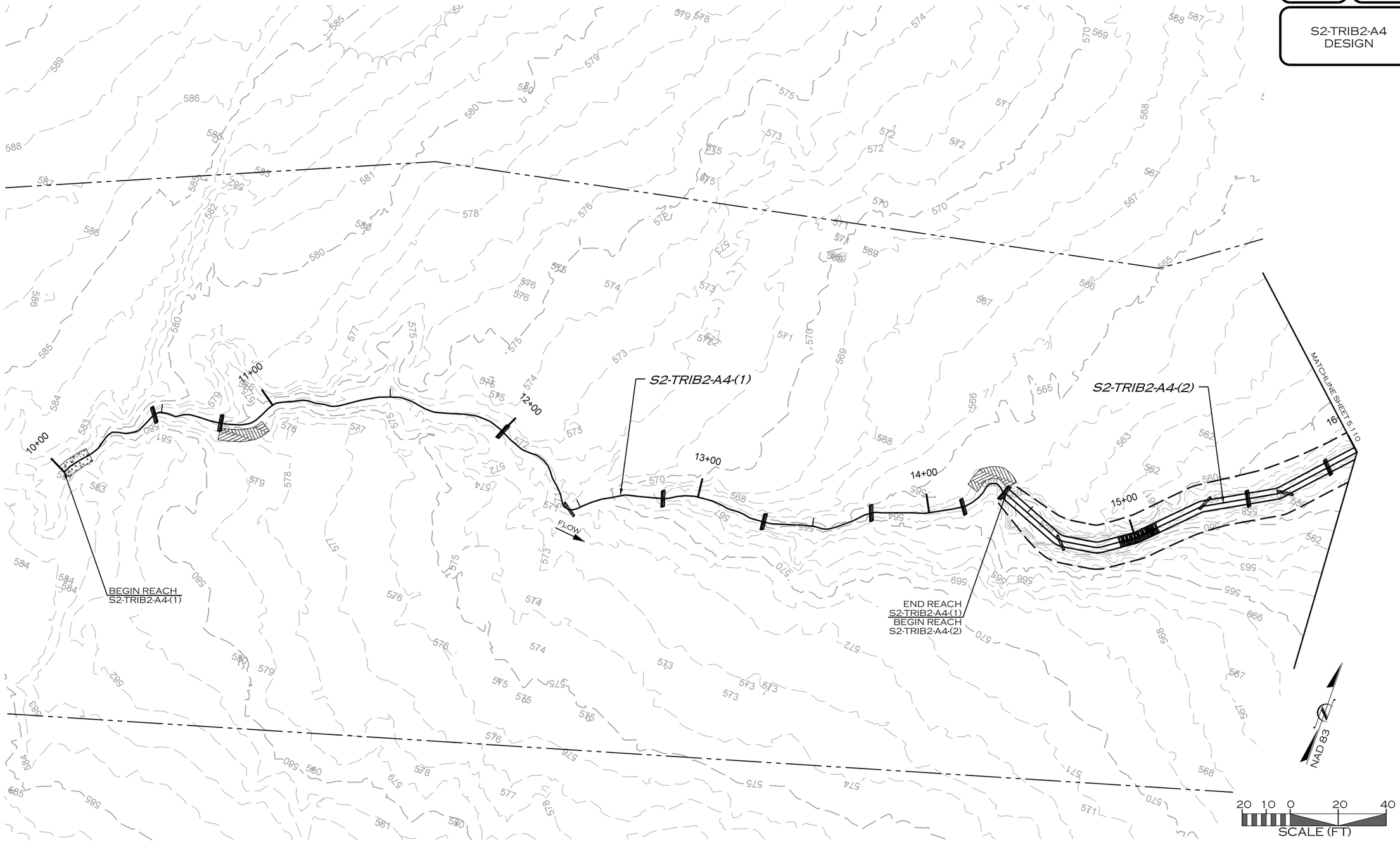
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KEVIN TWEEDY PE#113620
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BROWN

VOLUME NO. VOL. 1 | SHEET NO. 5.128

S2-TRIB2-A4 DESIGN



REVISIONS				
NO.	DESCRIPTION	ENGR.	APPROV	DATE
1	DRAFT DESIGN PLANS	EMP	KLT	7/01/19

PREPARED FOR:

UPPER TRINITY REGIONAL WATER DISTRICT

900 N KEALY ST
LEWISVILLE, TX 75057

LAKE RALPH HALL MITIGATION
MITIGATION ZONE A
FANNIN COUNTY, TEXAS

PREPARED IN THE OFFICE OF:

ECOSYSTEM PLANNING & RESTORATION

17575 N. ELDRIDGE PARKWAY, BLDG. C
TOMBALL, TX 77377
TEXAS REGISTERED ENGINEERING FIRM F-14997

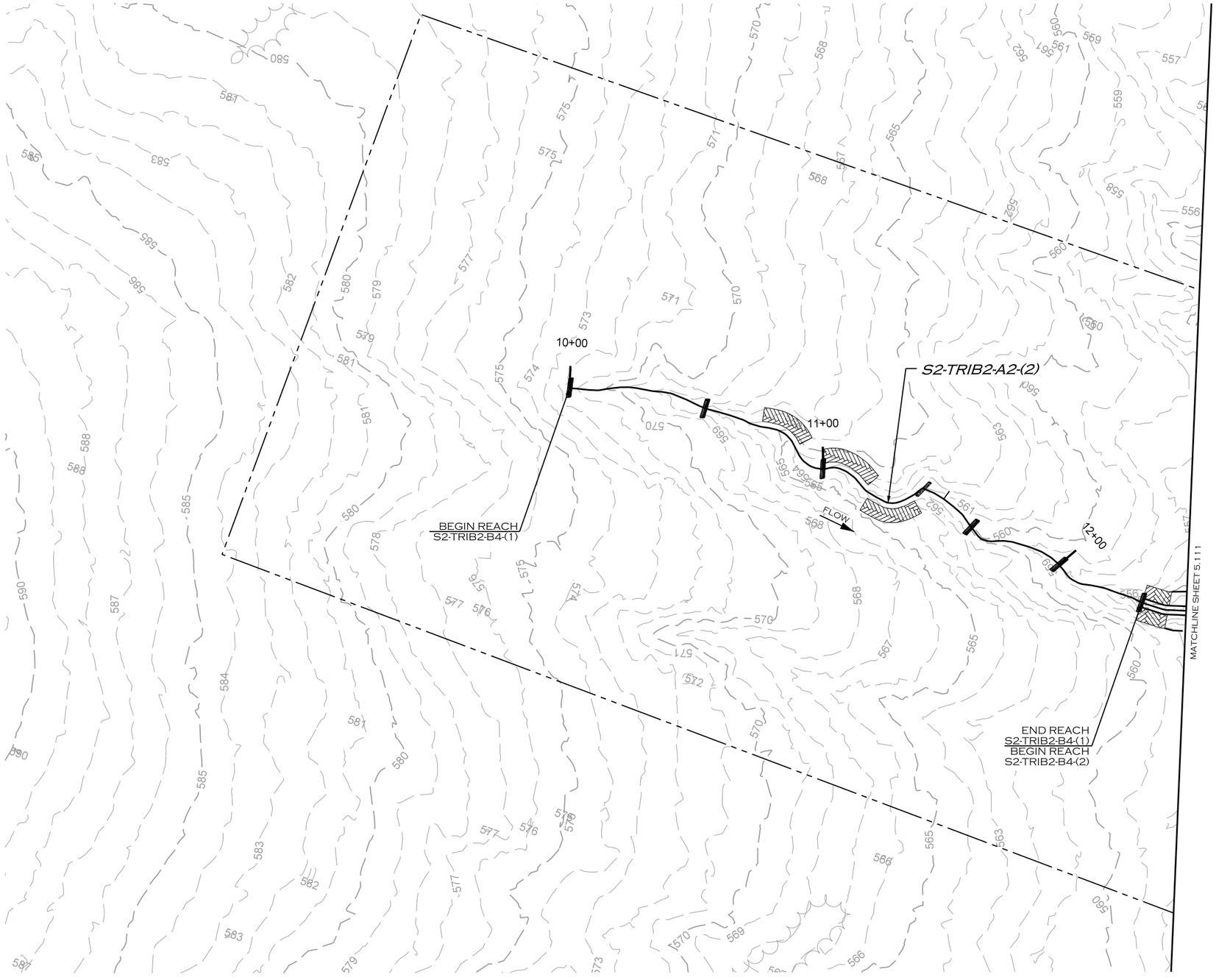
PROJECT ENGINEER

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MICCOR

VOLUME NO. VOL. 1 | SHEET NO. 5.129

S2-TRIB2-B4 DESIGN



NAD 83

20 10 0 20 40
SCALE (FT)

REVISIONS				
NO.	DESCRIPTION	ENGR.	APPROV	DATE
1	DRAFT DESIGN PLANS	EMP	KLT	7/01/19

PREPARED FOR:

UPPER TRINITY REGIONAL WATER DISTRICT

900 N KEALY ST
LEWISVILLE, TX 75057

LAKE RALPH HALL MITIGATION
MITIGATION ZONE A
FANNIN COUNTY, TEXAS

PREPARED IN THE OFFICE OF:

ECOSYSTEM PLANNING & RESTORATION

17575 N. ELDRIDGE PARKWAY, BLDG. C
TOMBALL, TX 77377
TEXAS REGISTERED ENGINEERING FIRM F-14997

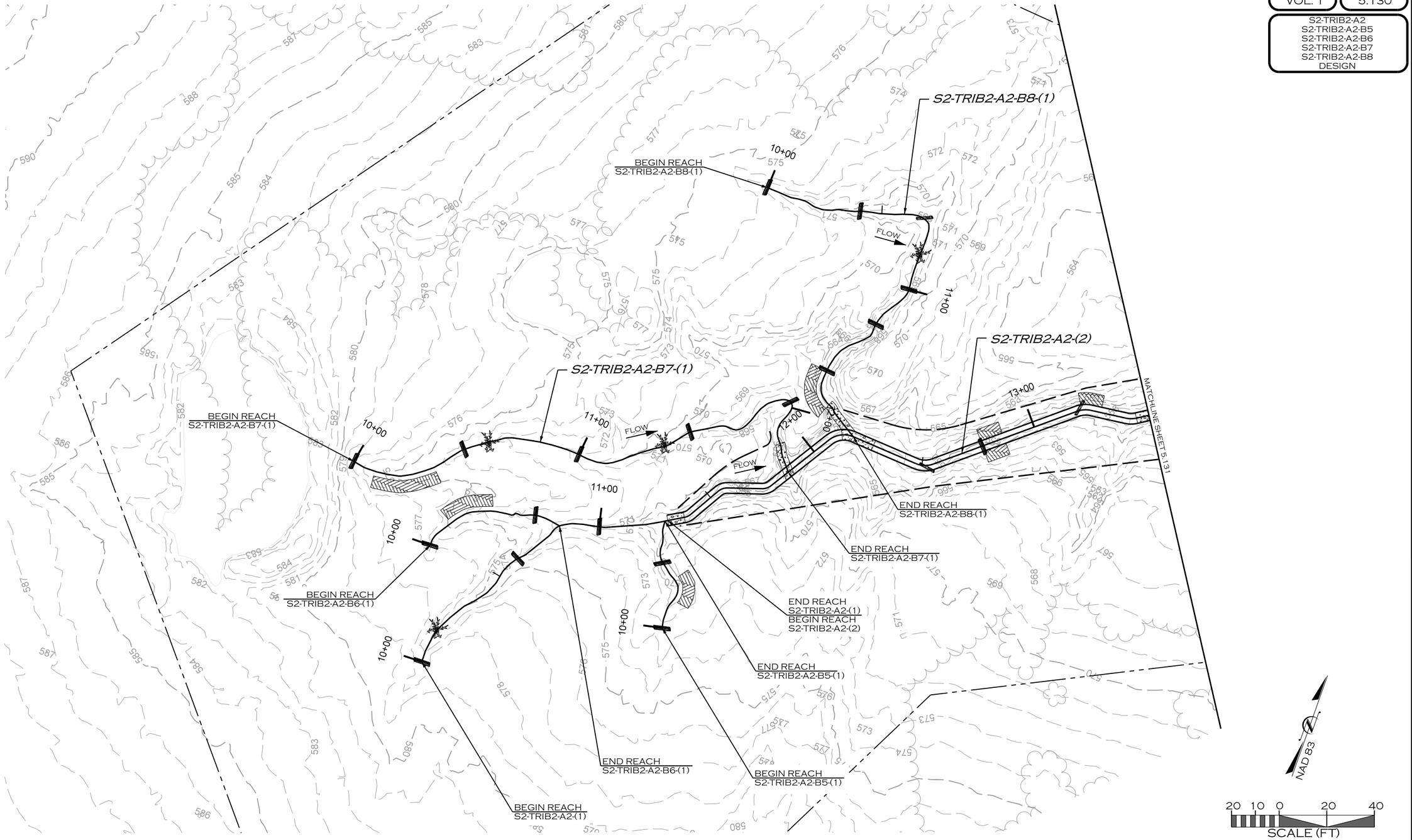
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JKROON

VOLUME NO.	SHEET NO.
VOL. 1	5.130

S2-TRIB2-A2
S2-TRIB2-A2-B5
S2-TRIB2-A2-B6
S2-TRIB2-A2-B7
S2-TRIB2-A2-B8
DESIGN



REVISIONS				
NO.	DESCRIPTION	ENGR.	APPROV.	DATE
1	DRAFT DESIGN PLANS	EMP	KLT	7/01/19

PREPARED FOR:

UPPER TRINITY REGIONAL WATER DISTRICT

900 N KEALY ST
LEWISVILLE, TX 75057

LAKE RALPH HALL MITIGATION
MITIGATION ZONE A
FANNIN COUNTY, TEXAS

PREPARED IN THE OFFICE OF:

ECOSYSTEM PLANNING & RESTORATION

17575 N. ELDRIDGE PARKWAY, BLDG. C
TOMBALL, TX 77377
TEXAS REGISTERED ENGINEERING FIRM F-14997

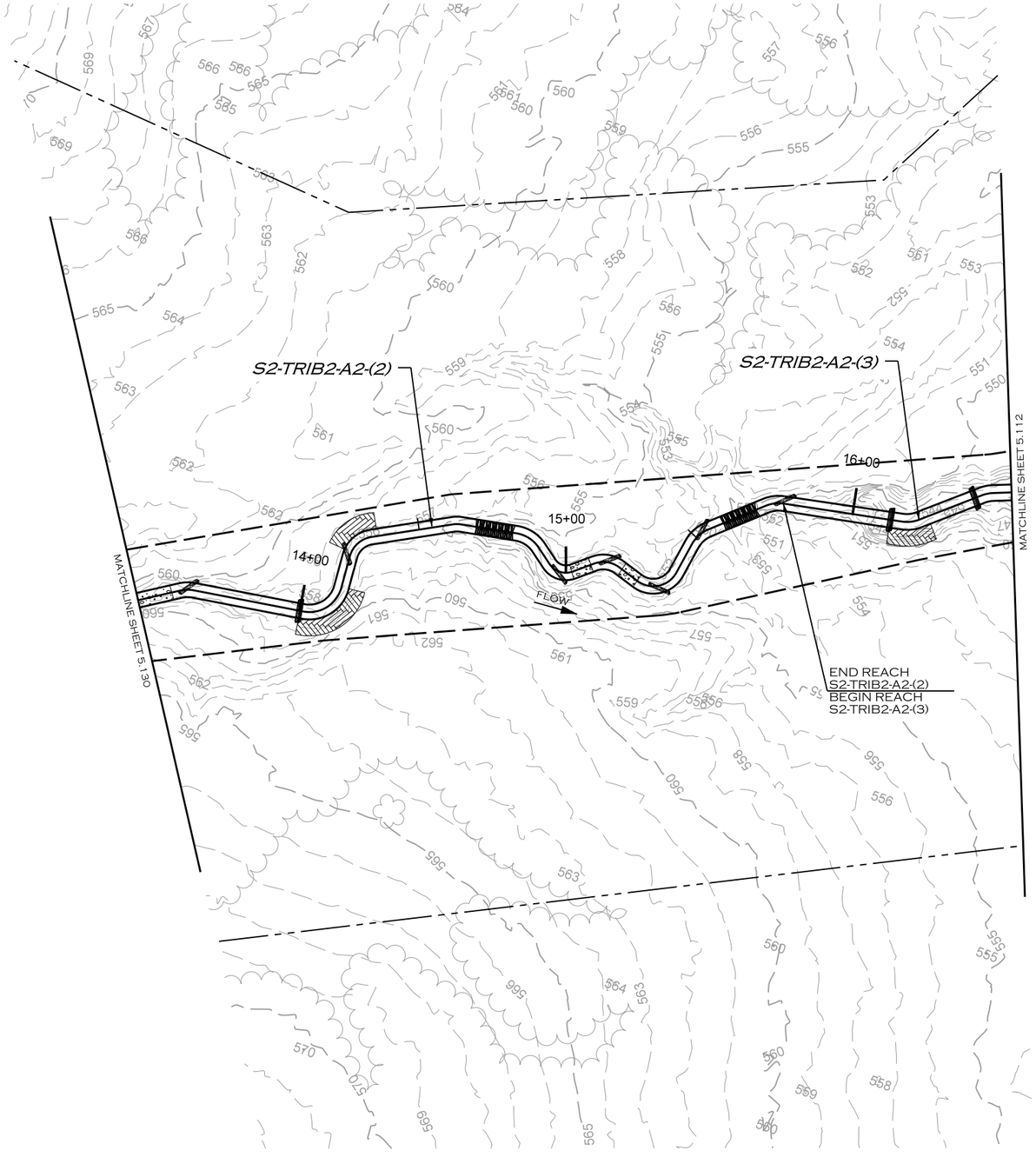
PROJECT ENGINEER

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KEVIN TWEEDY PE#113620
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MICON

VOLUME NO. VOL. 1 | SHEET NO. 5.131

S2-TRIB2-A2 DESIGN



NAD 83

20 10 0 20 40
SCALE (FT)

REVISIONS				
NO.	DESCRIPTION	ENGR.	APPROV	DATE
1	DRAFT DESIGN PLANS	EMP	KLT	7/01/19

PREPARED FOR:

UPPER TRINITY REGIONAL WATER DISTRICT

900 N KEALY ST
LEWISVILLE, TX 75057

LAKE RALPH HALL MITIGATION
MITIGATION ZONE A
FANNIN COUNTY, TEXAS

PREPARED IN THE OFFICE OF:

ECOSYSTEM PLANNING & RESTORATION

17575 N. ELDRIDGE PARKWAY, BLDG. C
TOMBALL, TX 77377
TEXAS REGISTERED ENGINEERING FIRM F-14997

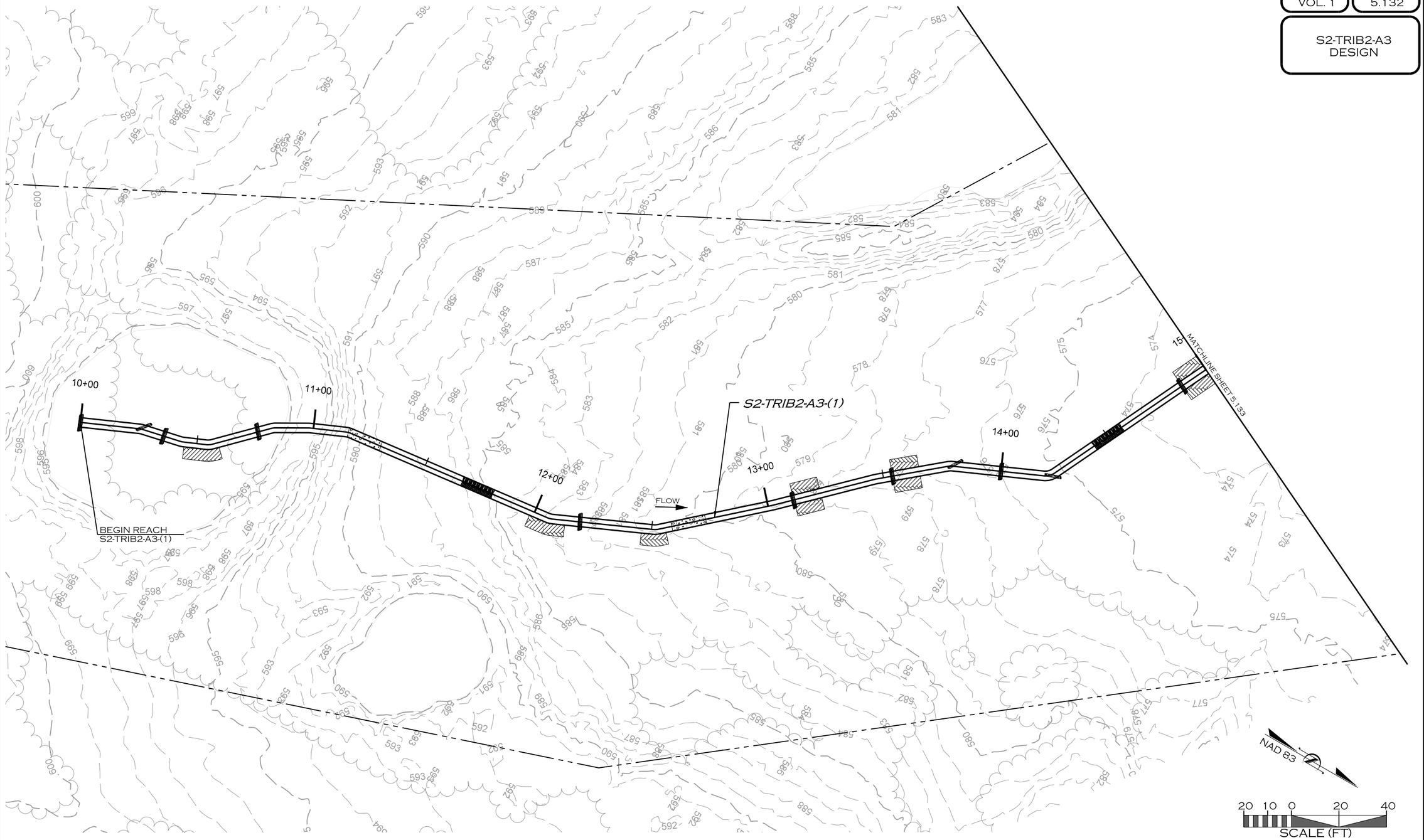
PROJECT ENGINEER

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MICKEN

VOLUME NO.	SHEET NO.
VOL. 1	5.132

S2-TRIB2-A3
DESIGN



REVISIONS				
NO.	DESCRIPTION	ENGR.	APPROV	DATE
1	DRAFT DESIGN PLANS	EMP	KLT	7/01/19

PREPARED FOR:

UPPER TRINITY REGIONAL WATER DISTRICT

900 N KEALY ST
LEWISVILLE, TX 75057

LAKE RALPH HALL MITIGATION
MITIGATION ZONE A
FANNIN COUNTY, TEXAS

PREPARED IN THE OFFICE OF:

ECOSYSTEM PLANNING & RESTORATION

17575 N. ELDRIDGE PARKWAY, BLDG. C
TOMBALL, TX 77377
TEXAS REGISTERED ENGINEERING FIRM F-14997

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JRICCIO