

SAVED 2022/08/11 10:30 AM

Paper Size - ANSI D
At Full Size, this border measures 520 mm x 800 mm

1:00
millimeters

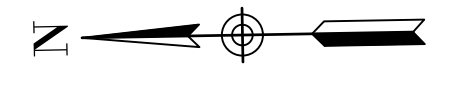
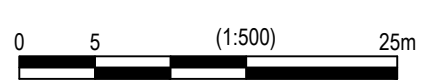
A



LEGEND

	EXTENT OF LANDSCAPE SEEDING AT DIKE FOOTPRINT
	LANDSCAPE SEEDING AT TOP OF DIKE
	ASPHALT PATHWAY
	GRAVEL TRAIL

PLAN
Scale 1:500



IBI GROUP
3rd Floor - 227 11 Avenue SW
Calgary AB T2R 1R9 Canada
tel 403 270 5600 fax 403 270 5610
ibigroup.com

The Alberta Association of Landscape Architects
Ernie Webster

Rev	Date	Des	Dwn	Chk	Description
0	2022-06-29	BB	MD	EJW	ISSUED FOR TENDER
1	2022-07-07	BB	MD	EJW	ISSUED FOR ADDENDUM #1
2	2022-08-11	BB	MD	EJW	ISSUED FOR CONSTRUCTION

Rev	Date	Des	Dwn	Chk	Description

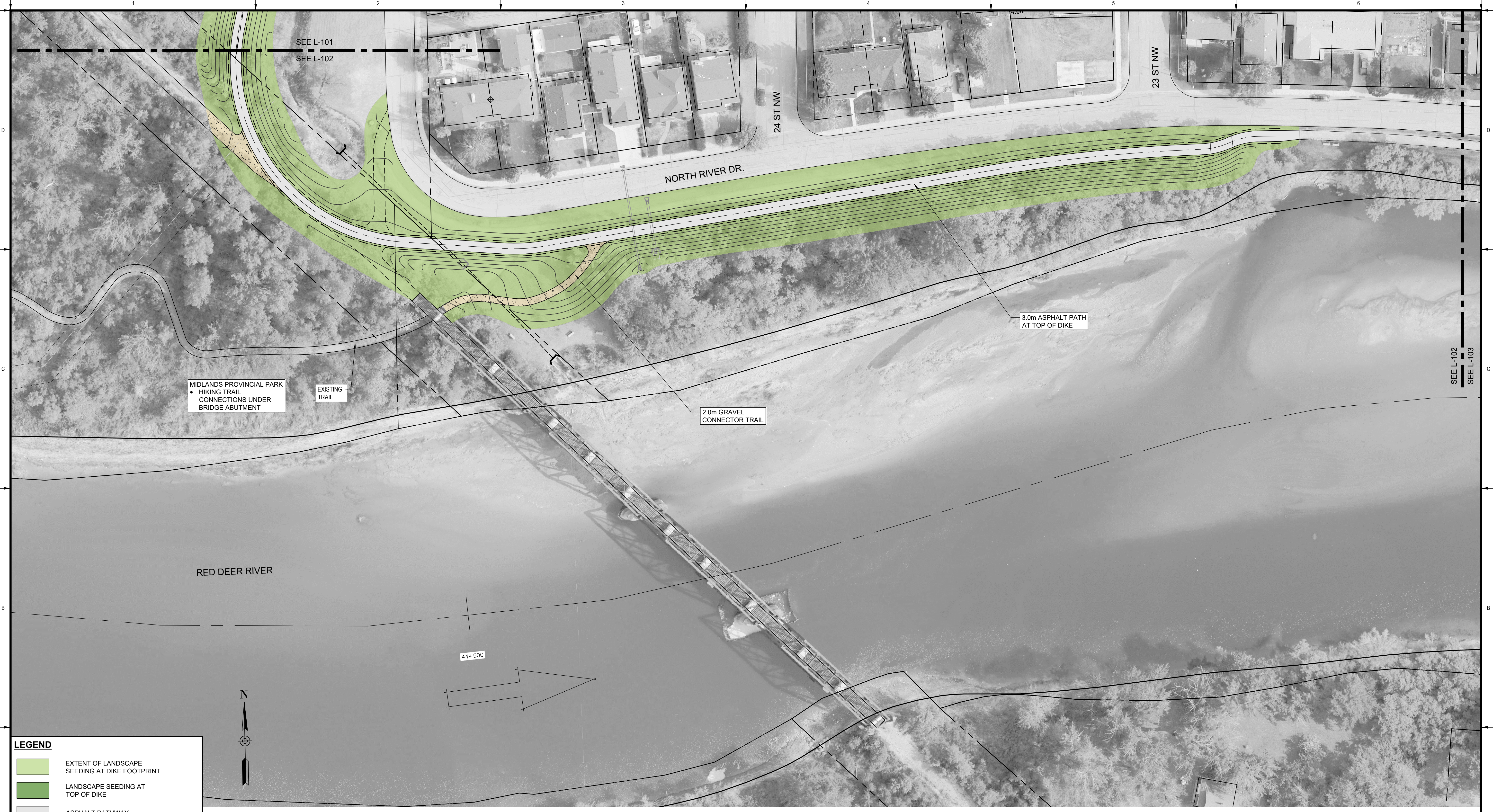
TOWN OF DRUMHELLER MIDLANDS DIKE	
LANDSCAPE MASTER PLAN	
Project No. 133142	Drawing No. L-101
Group LANDSCAPE	Rev. 2

SAVED: 2022/08/11 10:30 AM

1:00
Paper Size - ANSI D
At Full Size, this border measures 520 mm x 800 mm

100
50
0
millimeters

A



MIDLANDS PROVINCIAL PARK
 • HIKING TRAIL
 CONNECTIONS UNDER
 BRIDGE ABUTMENT

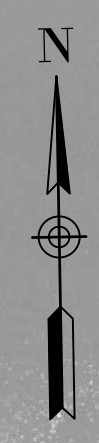
EXISTING
 TRAIL

2.0m GRAVEL
 CONNECTOR TRAIL

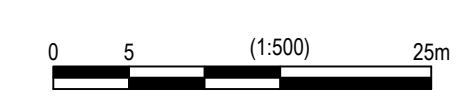
3.0m ASPHALT PATH
 AT TOP OF DIKE

RED DEER RIVER

44+500



PLAN
 Scale 1:500



LEGEND

- EXTENT OF LANDSCAPE SEEDING AT DIKE FOOTPRINT
- LANDSCAPE SEEDING AT TOP OF DIKE
- ASPHALT PATHWAY
- GRAVEL TRAIL



IBI GROUP
 3rd Floor - 227 11 Avenue SW
 Calgary AB T2R 1R9 Canada
 tel 403 270 5600 fax 403 270 5610
 ibigroup.com

Seal
The Alberta Association of Landscape Architects

 Ernie J. Webster

Rev	Date	Des	Dwn	Chk	Description
0	2022-06-29	BB	MD	EJW	ISSUED FOR TENDER
1	2022-07-07	BB	MD	EJW	ISSUED FOR ADDENDUM #1
2	2022-08-11	BB	MD	EJW	ISSUED FOR CONSTRUCTION

Rev	Date	Des	Dwn	Chk	Description

**TOWN OF DRUMHELLER
 MIDLANDS DIKE**

LANDSCAPE MASTER PLAN

Project No. 133142	Drawing No. L-102	Rev. 2
Group LANDSCAPE		

A

1

2

3

4

5

6

A

SEE L-102
 SEE L-103



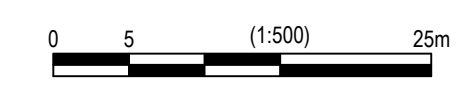
LEGEND

- EXTENT OF LANDSCAPE SEEDING AT DIKE FOOTPRINT
- LANDSCAPE SEEDING AT TOP OF DIKE
- ASPHALT PATHWAY
- GRAVEL TRAIL

SEE L-102
SEE L-103

SEE L-103
SEE L-104

PLAN
Scale 1:500



IBI GROUP
3rd Floor - 227 11 Avenue SW
Calgary AB T2R 1R9 Canada
tel 403 270 5600 fax 403 270 5610
ibigroup.com

Seal
The Alberta Association of Landscape Architects
Ernie J Webster

Rev	Date	Des	Dwn	Chk	Description
0	2022-06-29	BB	MD	EJW	ISSUED FOR TENDER
1	2022-07-07	BB	MD	EJW	ISSUED FOR ADDENDUM #1
2	2022-08-11	BB	MD	EJW	ISSUED FOR CONSTRUCTION

Rev	Date	Des	Dwn	Chk	Description

**TOWN OF DRUMHELLER
MIDLANDS DIKE**

LANDSCAPE MASTER PLAN

Project No. **133142** Drawing No. **L-103** Rev. **2**
Group **LANDSCAPE**

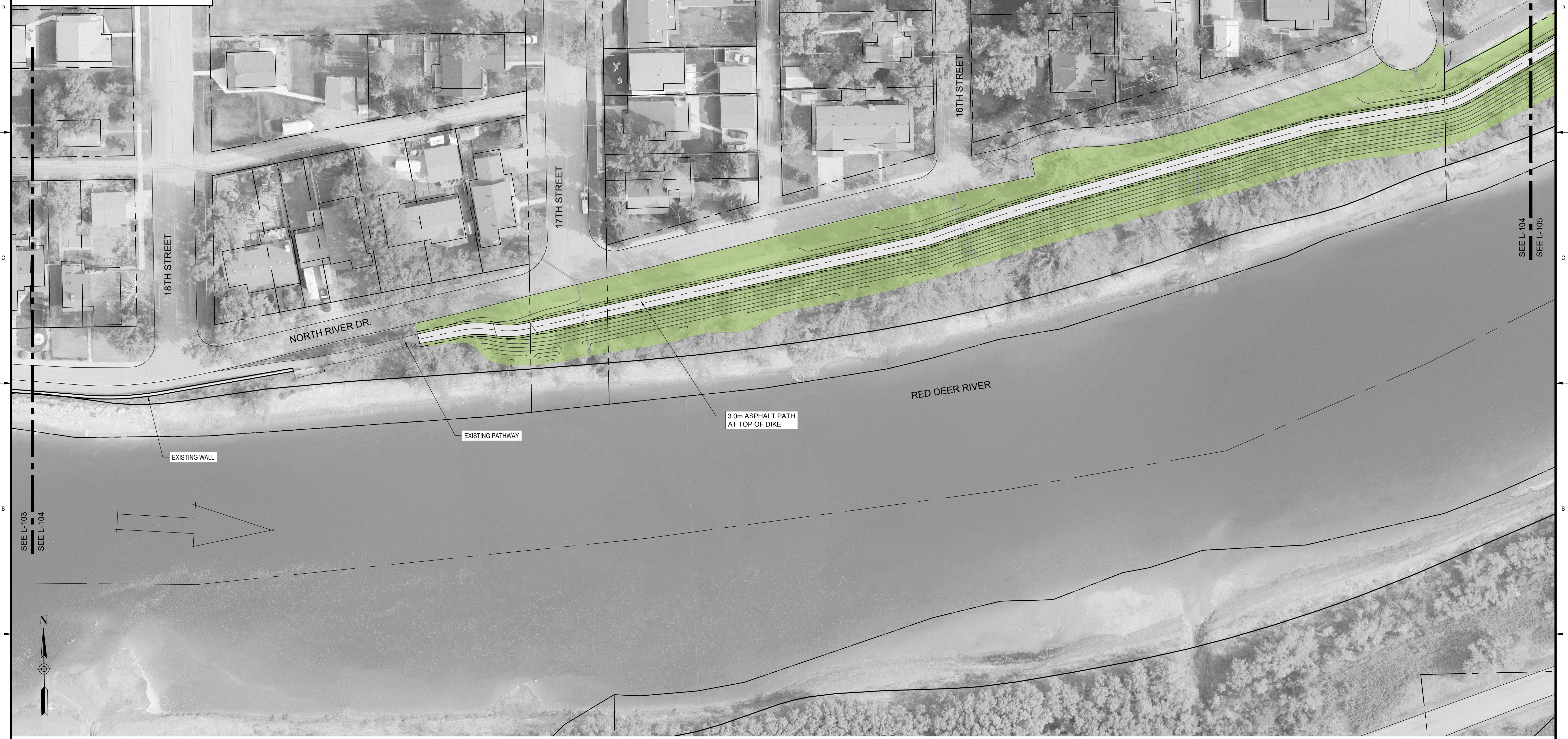
SAVED: 2022/08/11 10:30 AM

Page Size - ANSI D
At Full Size, this border measures 520 mm x 800 mm

100
50
0
millimeters

LEGEND

- EXTENT OF LANDSCAPE SEEDING AT DIKE FOOTPRINT
- LANDSCAPE SEEDING AT TOP OF DIKE
- ASPHALT PATHWAY
- GRAVEL TRAIL



PLAN
Scale 1:500

SEE L-103
SEE L-104

SEE L-104
SEE L-105



IBI IBI GROUP
3rd Floor - 227 11 Avenue SW
Calgary AB T2R 1R9 Canada
tel 403 270 5600 fax 403 270 5610
ibigroup.com

The Alberta Association of Landscape Architects
Ernie J Webster

Rev	Date	Des	Dwn	Chk	Description
0	2022-06-29	BB	MD	EJW	ISSUED FOR TENDER
1	2022-07-07	BB	MD	EJW	ISSUED FOR ADDENDUM #1
2	2022-08-11	BB	MD	EJW	ISSUED FOR CONSTRUCTION

Rev	Date	Des	Dwn	Chk	Description

**TOWN OF DRUMHELLER
MIDLANDS DIKE**

LANDSCAPE MASTER PLAN

Project No. **133142** Drawing No. **L-104** Rev. **2**
Group **LANDSCAPE**

SAVED: 2022/08/11 10:30 AM

Paper Size - ANSI D
At Full Size, this border measures 320 mm x 800 mm

1:00
millimeters
0 50 100

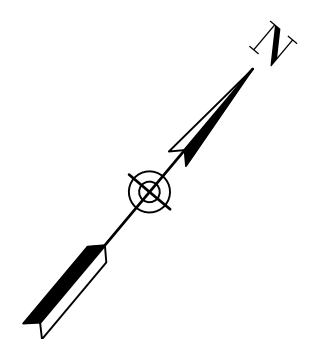
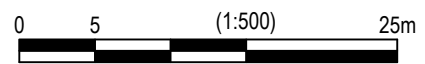
LEGEND

- EXTENT OF LANDSCAPE SEEDING AT DIKE FOOTPRINT
- LANDSCAPE SEEDING AT TOP OF DIKE
- ASPHALT PATHWAY
- GRAVEL TRAIL



RED DEER RIVER

PLAN
Scale 1:500



IBI GROUP
3rd Floor - 227 11 Avenue SW
Calgary AB T2R 1R9 Canada
tel 403 270 5600 fax 403 270 5610
ibigroup.com

The Alberta Association of Landscape Architects
Ernie J Webster

Rev	Date	Des	Dwn	Chk	Description
0	2022-06-29	BB	MD	EJW	ISSUED FOR TENDER
1	2022-07-07	BB	MD	EJW	ISSUED FOR ADDENDUM #1
2	2022-08-11	BB	MD	EJW	ISSUED FOR CONSTRUCTION

Rev	Date	Des	Dwn	Chk	Description

**TOWN OF DRUMHELLER
MIDLANDS DIKE**

LANDSCAPE MASTER PLAN

Project No. **133142** Drawing No. **L-105** Rev. **2**

Group **LANDSCAPE**

SAVED: 2022/08/11 10:30 AM

Paper Size - ANSI D
At Full Size, this border measures 520 mm x 800 mm

1:00
millimeters

0 10 50 100

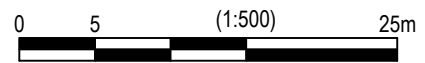


LEGEND

	EXTENT OF LANDSCAPE SEEDING AT DIKE FOOTPRINT
	LANDSCAPE SEEDING AT TOP OF DIKE
	ASPHALT PATHWAY
	GRAVEL TRAIL

SEE L-105
SEE L-106

PLAN
Scale 1:500



IBI IBI GROUP
3rd Floor - 227 11 Avenue SW
Calgary AB T2R 1R9 Canada
tel 403 270 5600 fax 403 270 5610
ibigroup.com

The Alberta Association of Landscape Architects
Ernie Webster

Rev	Date	Des	Dwn	Chk	Description
0	2022-06-29	BB	MD	EJW	ISSUED FOR TENDER
1	2022-07-07	BB	MD	EJW	ISSUED FOR ADDENDUM #1
2	2022-08-11	BB	MD	EJW	ISSUED FOR CONSTRUCTION

Rev	Date	Des	Dwn	Chk	Description

TOWN OF DRUMHELLER MIDLANDS DIKE	
LANDSCAPE MASTER PLAN	
Project No. 133142	Drawing No. L-106
Group LANDSCAPE	Rev. 2

NORTH DINOSAUR TRAIL

1 AVE. N.W.

25 ST NW

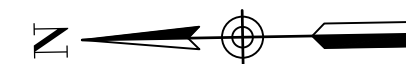
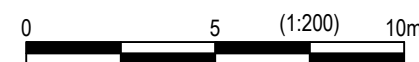
POTENTIAL FUTURE PATHWAY CONNECTION

POTENTIAL FUTURE PATHWAY CONNECTION

3.0m ASPHALT PATH AT TOP OF DIKE

SEE L-301
SEE L-302

PLAN
Scale 1:200



LEGEND

- ASPHALT PATHWAY
- SEE DETAILS A&B / L-901
- GRAVEL PATHWAY
- SEE DETAIL C / L-901
- DIKE ALIGNMENT
- TOP OF DIKE
- 85.5
EXISTING CONTOUR
- 85.5
EXISTING DRAINAGE
- 85.5
PROPOSED CONTOUR
- 2.0%
PROPOSED SLOPE
- 85.5
PROPOSED SPOT ELEVATION

NOTES

- LANDSCAPE LAYOUT AND GRADING DRAWINGS TO BE READ IN CONJUNCTION WITH CIVIL ENGINEERING DRAWINGS.
- REFER TO KCB'S DESIGN DRAWINGS FOR DIKE CONSTRUCTION DETAILS.



IBI IBI GROUP
3rd Floor - 227 11 Avenue SW
Calgary AB T2R 1R9 Canada
tel 403 270 5600 fax 403 270 5610
ibigroup.com

The Alberta Association of Landscape Architects
Ernie J Webster

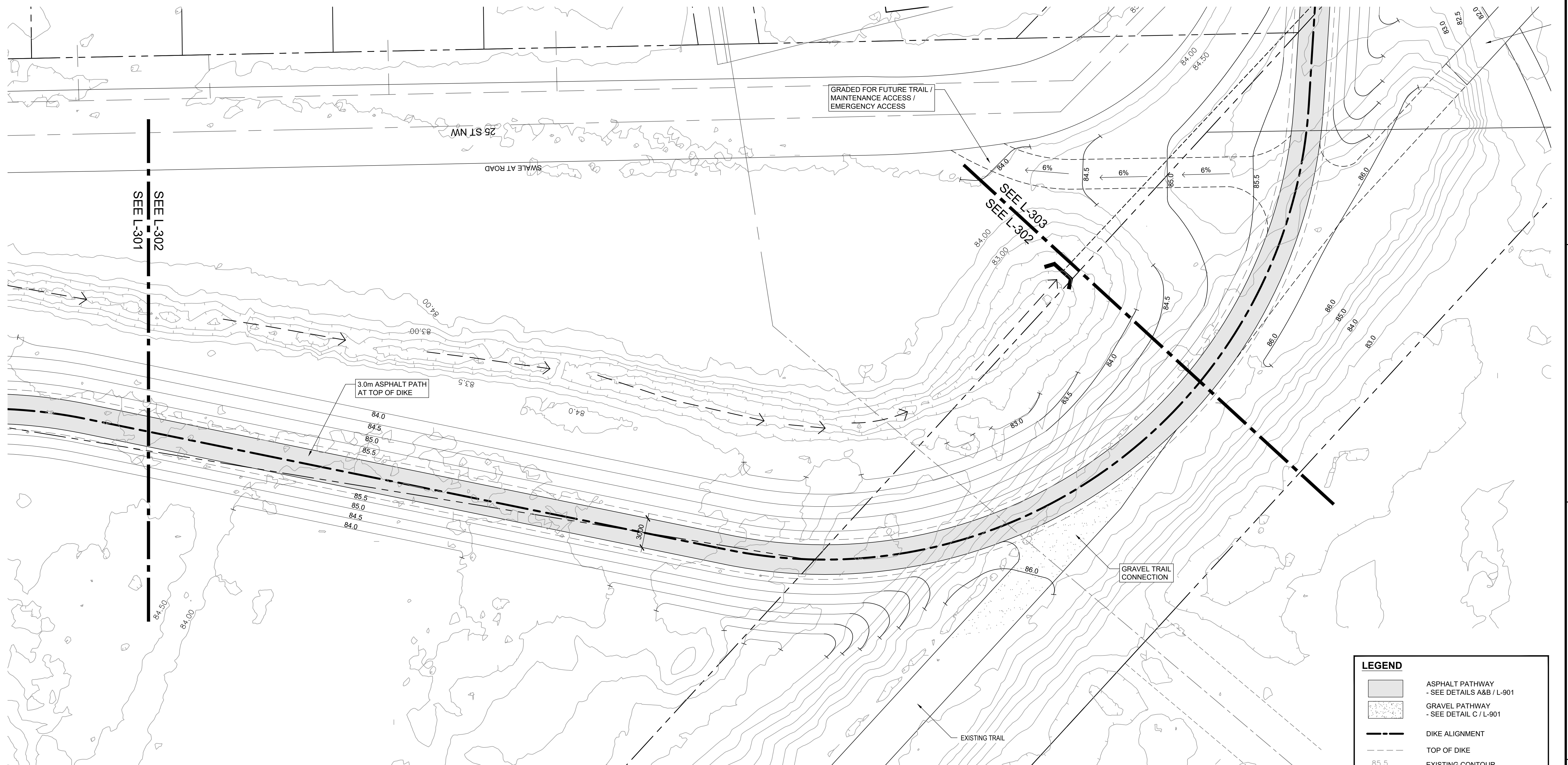
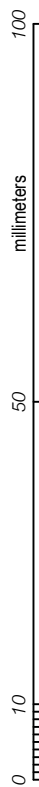
Rev	Date	Des	Dwn	Chk	Description
0	2022-06-29	BB	MD	EJW	ISSUED FOR TENDER
1	2022-07-07	BB	MD	EJW	ISSUED FOR ADDENDUM #1
2	2022-08-11	BB	MD	EJW	ISSUED FOR CONSTRUCTION

Rev	Date	Des	Dwn	Chk	Description

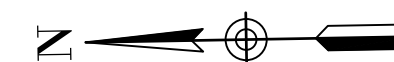
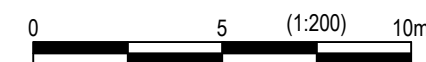
**TOWN OF DRUMHELLER
MIDLANDS DIKE**

LAYOUT & GRADING PLAN

Project No. **133142** Drawing No. **L-301** Rev. **2**
Group **LANDSCAPE**



PLAN
Scale 1:200



LEGEND

- ASPHALT PATHWAY
- SEE DETAILS A&B / L-901
- GRAVEL PATHWAY
- SEE DETAIL C / L-901
- DIKE ALIGNMENT
- TOP OF DIKE
- 85.5 EXISTING CONTOUR
- EXISTING DRAINAGE
- 85.5 PROPOSED CONTOUR
- 2.0% PROPOSED SLOPE
- +85.5 PROPOSED SPOT ELEVATION

NOTES

- LANDSCAPE LAYOUT AND GRADING DRAWINGS TO BE READ IN CONJUNCTION WITH CIVIL ENGINEERING DRAWINGS.
- REFER TO KCB'S DESIGN DRAWINGS FOR DIKE CONSTRUCTION DETAILS.



IBI IBI GROUP
3rd Floor - 227 11 Avenue SW
Calgary AB T2R 1R9 Canada
tel 403 270 5600 fax 403 270 5610
ibigroup.com

The Alberta Association of Landscape Architects
Ernie J Webster

Rev	Date	Des	Dwn	Chk	Description
0	2022-06-29	BB	MD	EJW	ISSUED FOR TENDER
1	2022-07-07	BB	MD	EJW	ISSUED FOR ADDENDUM #1
2	2022-08-11	BB	MD	EJW	ISSUED FOR CONSTRUCTION

Rev	Date	Des	Dwn	Chk	Description

**TOWN OF DRUMHELLER
MIDLANDS DIKE**

LAYOUT & GRADING PLAN

Project No. **133142** Drawing No. **L-302** Rev. **2**

Group **LANDSCAPE**

1
2
3
4
5
6

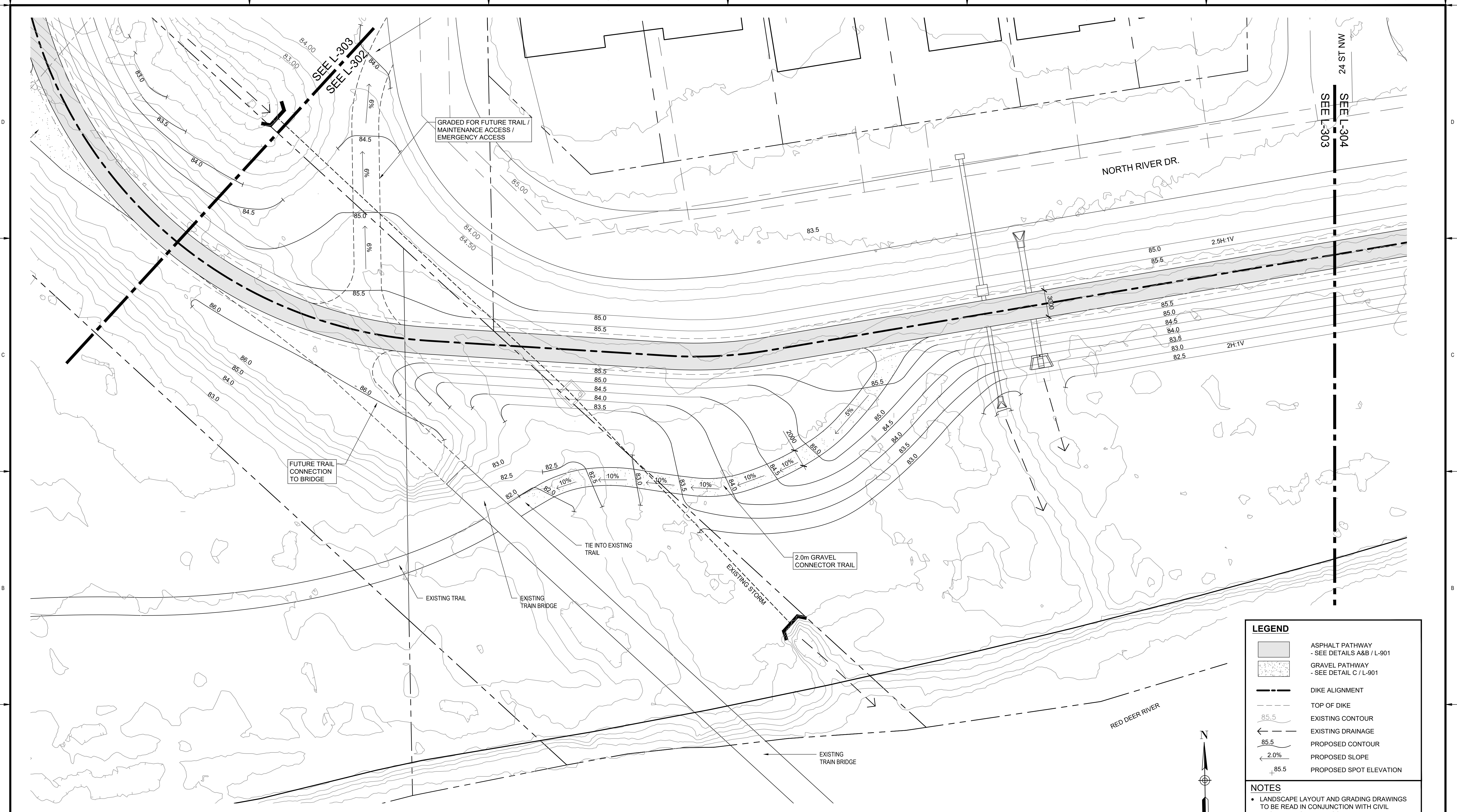
1
2
3
4
5
6

1
2
3
4
5
6

1
2
3
4
5
6

1
2
3
4
5
6

1
2
3
4
5
6



1
2
3
4
5
6

PLAN
Scale 1:200

0 5 10m (1:200)

LEGEND

- ASPHALT PATHWAY - SEE DETAILS A&B / L-901
- GRAVEL PATHWAY - SEE DETAIL C / L-901
- DIKE ALIGNMENT
- TOP OF DIKE
- EXISTING CONTOUR
- EXISTING DRAINAGE
- PROPOSED CONTOUR
- PROPOSED SLOPE
- PROPOSED SPOT ELEVATION

NOTES

- LANDSCAPE LAYOUT AND GRADING DRAWINGS TO BE READ IN CONJUNCTION WITH CIVIL ENGINEERING DRAWINGS.
- REFER TO KCB'S DESIGN DRAWINGS FOR DIKE CONSTRUCTION DETAILS.



IBI IBI GROUP
3rd Floor - 227 11 Avenue SW
Calgary AB T2R 1R9 Canada
tel 403 270 5600 fax 403 270 5610
ibigroup.com

The Alberta Association of Landscape Architects
Ernie J Webster

Rev	Date	Des	Dwn	Chk	Description
0	2022-06-29	BB	MD	EJW	ISSUED FOR TENDER
1	2022-07-07	BB	MD	EJW	ISSUED FOR ADDENDUM #1
2	2022-08-11	BB	MD	EJW	ISSUED FOR CONSTRUCTION

Rev	Date	Des	Dwn	Chk	Description

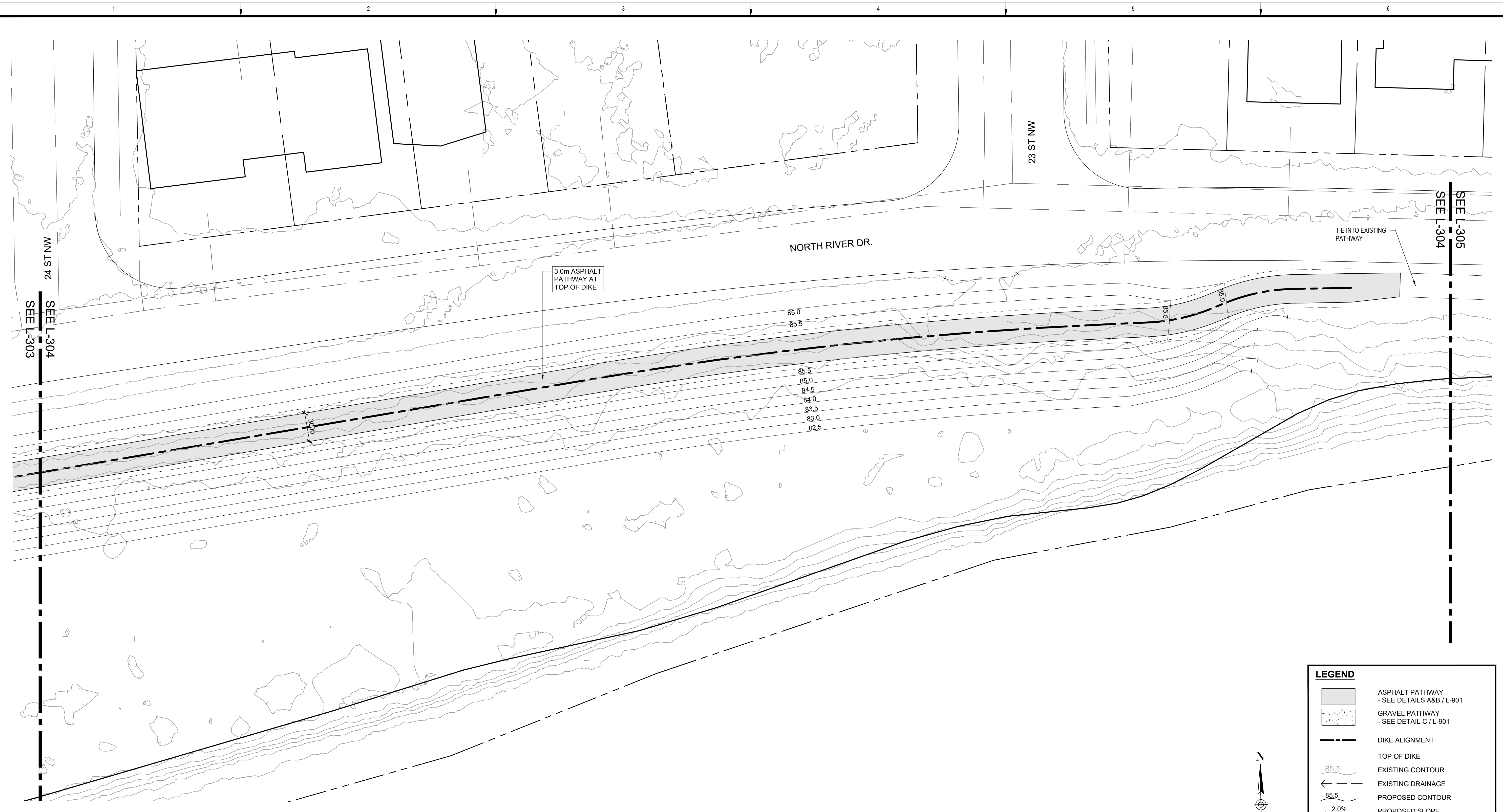
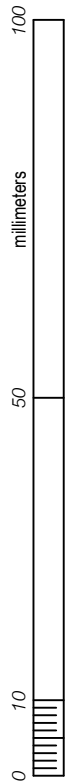
**TOWN OF DRUMHELLER
MIDLANDS DIKE**

LAYOUT & GRADING PLAN

Project No. 133142 Drawing No. L-303 Rev. 2
Group LANDSCAPE

SAVED: 2022/08/11 10:30 AM

Paper Size = ANSI D
 At Full Size, this border measures 520 mm x 800 mm



PLAN
 Scale 1:200



LEGEND

- ASPHALT PATHWAY
- SEE DETAILS A&B / L-901
- GRAVEL PATHWAY
- SEE DETAIL C / L-901
- DIKE ALIGNMENT
- TOP OF DIKE
- EXISTING CONTOUR
- EXISTING DRAINAGE
- PROPOSED CONTOUR
- PROPOSED SLOPE
- PROPOSED SPOT ELEVATION

NOTES

- LANDSCAPE LAYOUT AND GRADING DRAWINGS TO BE READ IN CONJUNCTION WITH CIVIL ENGINEERING DRAWINGS.
- REFER TO KCB'S DESIGN DRAWINGS FOR DIKE CONSTRUCTION DETAILS.



IBI GROUP
 3rd Floor - 227 11 Avenue SW
 Calgary AB T2R 1R9 Canada
 tel 403 270 5600 fax 403 270 5610
 ibigroup.com

The Alberta Association of Landscape Architects
 Ernie J. Webster

Rev	Date	Des	Dwn	Chk	Description
0	2022-06-29	BB	MD	EJW	ISSUED FOR TENDER
1	2022-07-07	BB	MD	EJW	ISSUED FOR ADDENDUM #1
2	2022-08-11	BB	MD	EJW	ISSUED FOR CONSTRUCTION

Rev	Date	Des	Dwn	Chk	Description

**TOWN OF DRUMHELLER
 MIDLANDS DIKE**

LAYOUT & GRADING PLAN

Project No. **133142** Drawing No. **L-304** Rev. **2**
 Group **LANDSCAPE**



PLAN
Scale 1:200

LEGEND

- ASPHALT PATHWAY
- SEE DETAILS A&B / L-901
- GRAVEL PATHWAY
- SEE DETAIL C / L-901
- DIKE ALIGNMENT
- TOP OF DIKE
- EXISTING CONTOUR
- EXISTING DRAINAGE
- PROPOSED CONTOUR
- PROPOSED SLOPE
- PROPOSED SPOT ELEVATION

NOTES

- LANDSCAPE LAYOUT AND GRADING DRAWINGS TO BE READ IN CONJUNCTION WITH CIVIL ENGINEERING DRAWINGS.
- REFER TO KCB'S DESIGN DRAWINGS FOR DIKE CONSTRUCTION DETAILS.



IBI GROUP
3rd Floor - 227 11 Avenue SW
Calgary AB T2R 1R9 Canada
tel 403 270 5600 fax 403 270 5610
ibigroup.com

The Alberta Association of Landscape Architects
Ernie Webster

Rev	Date	Des	Dwn	Chk	Description
0	2022-06-29	BB	MD	EJW	ISSUED FOR TENDER
1	2022-07-07	BB	MD	EJW	ISSUED FOR ADDENDUM #1
2	2022-08-11	BB	MD	EJW	ISSUED FOR CONSTRUCTION

Rev	Date	Des	Dwn	Chk	Description

**TOWN OF DRUMHELLER
MIDLANDS DIKE**

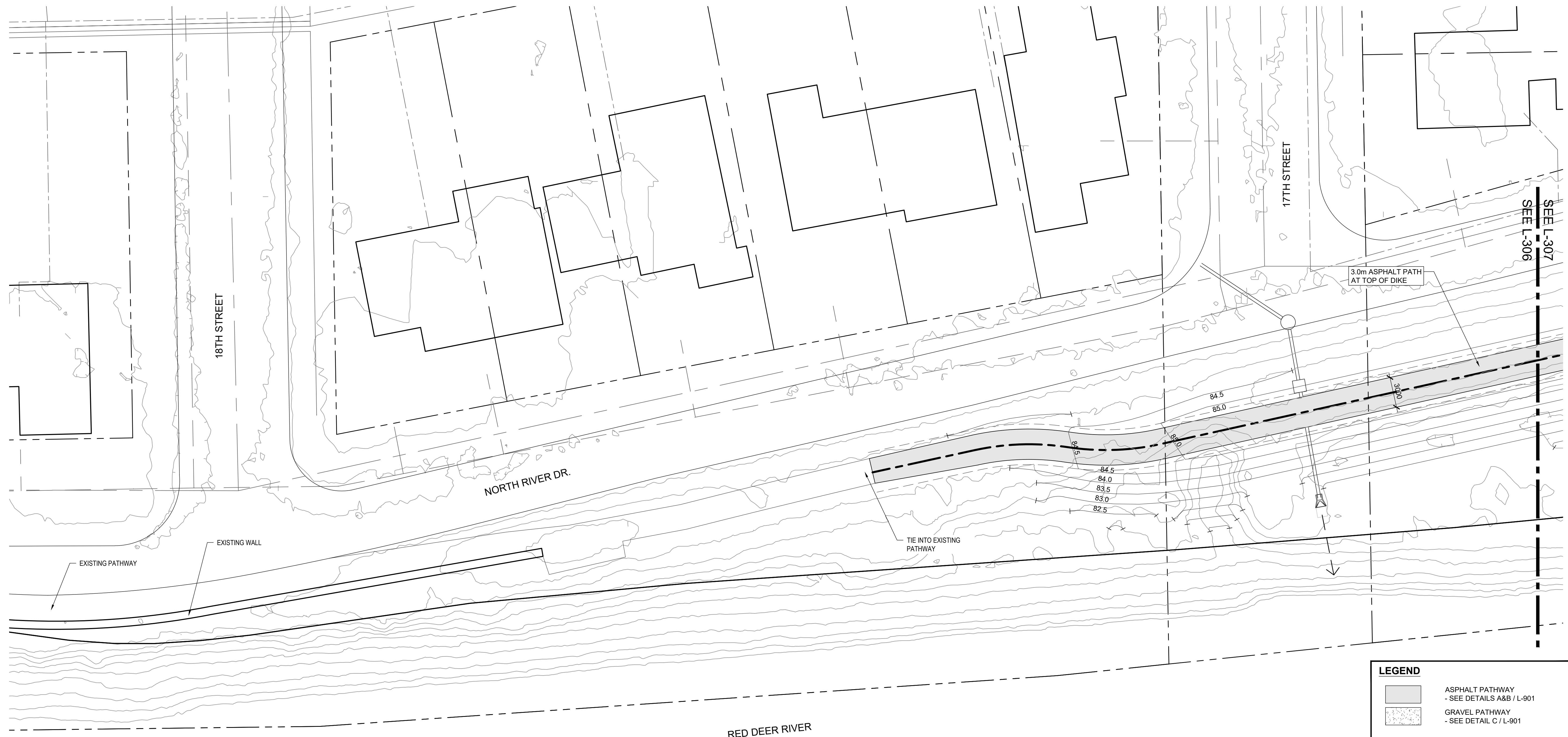
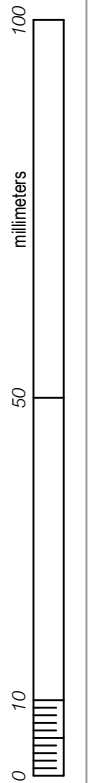
LAYOUT & GRADING PLAN

Project No. **133142** Drawing No. **L-305** Rev. **2**

Group **LANDSCAPE**

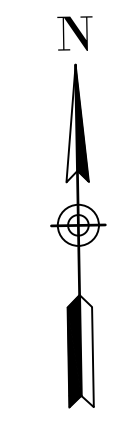
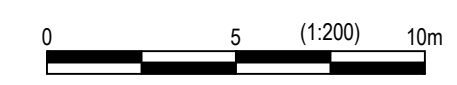
SAVED: 2022/08/11 10:30 AM

Paper Size = ANSI D
At Full Size, this border measures 520 mm x 800 mm



RED DEER RIVER

PLAN
Scale 1:200



LEGEND

- ASPHALT PATHWAY
- SEE DETAILS A&B / L-901
- GRAVEL PATHWAY
- SEE DETAIL C / L-901
- DIKE ALIGNMENT
- TOP OF DIKE
- EXISTING CONTOUR
- EXISTING DRAINAGE
- PROPOSED CONTOUR
- PROPOSED SLOPE
- PROPOSED SPOT ELEVATION

NOTES

- LANDSCAPE LAYOUT AND GRADING DRAWINGS TO BE READ IN CONJUNCTION WITH CIVIL ENGINEERING DRAWINGS.
- REFER TO KCB'S DESIGN DRAWINGS FOR DIKE CONSTRUCTION DETAILS.



IBI IBI GROUP
3rd Floor - 227 11 Avenue SW
Calgary AB T2R 1R9 Canada
tel 403 270 5600 fax 403 270 5610
ibigroup.com

The Alberta Association of Landscape Architects
Ernie J Webster

Rev	Date	Des	Dwn	Chk	Description
0	2022-06-29	BB	MD	EJW	ISSUED FOR TENDER
1	2022-07-07	BB	MD	EJW	ISSUED FOR ADDENDUM #1
2	2022-08-11	BB	MD	EJW	ISSUED FOR CONSTRUCTION

Rev	Date	Des	Dwn	Chk	Description

**TOWN OF DRUMHELLER
MIDLANDS DIKE**

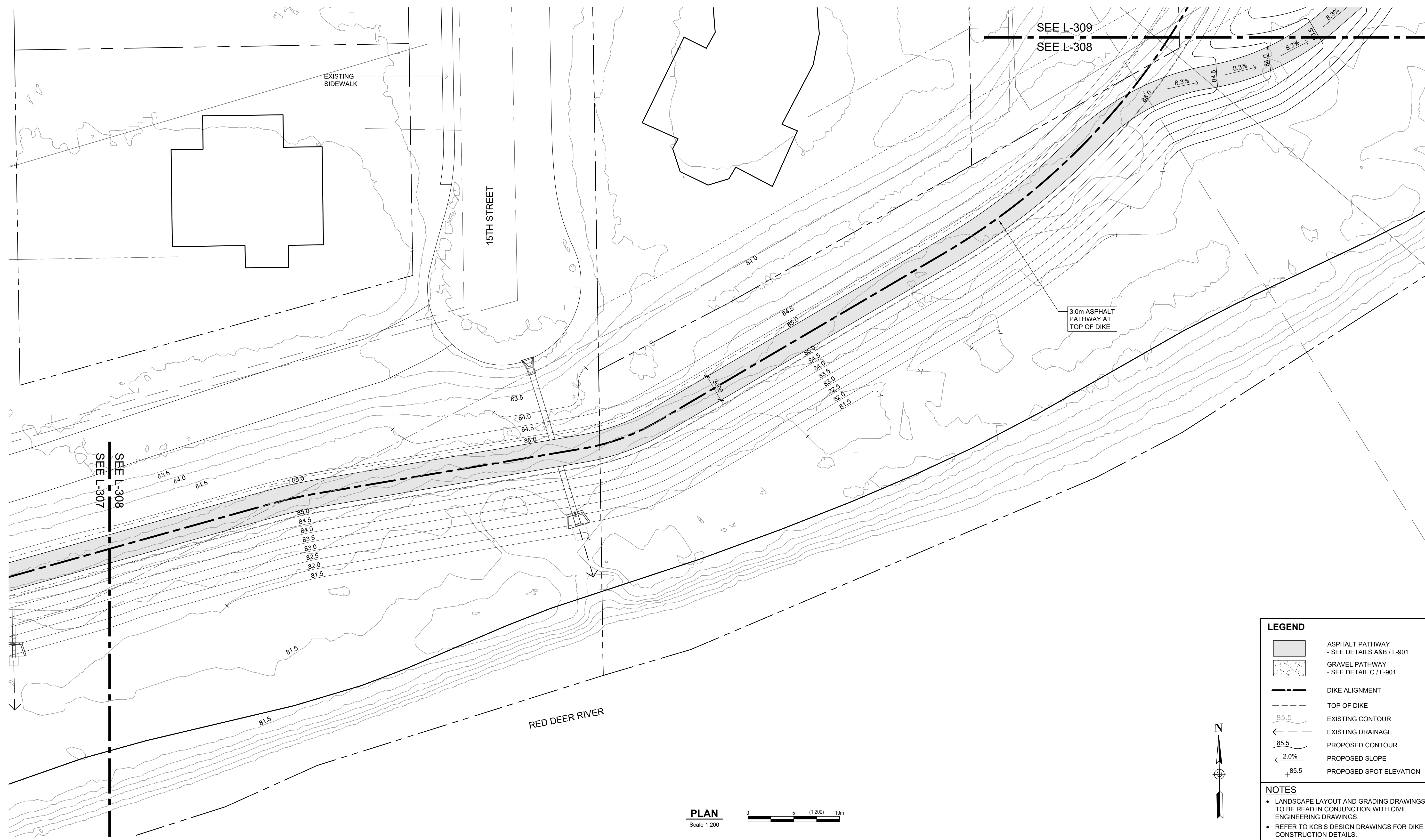
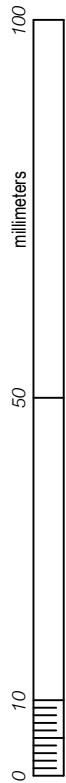
LAYOUT & GRADING PLAN

Project No. **133142** Drawing No. **L-306** Rev. **2**

Group **LANDSCAPE**

SAVED: 2022/08/11 10:30 AM

Paper Size = ANSI D
 At Full Size, this border measures 520 mm x 800 mm



SEE L-309
 SEE L-308

3.0m ASPHALT
 PATHWAY AT
 TOP OF DIKE

SEE L-308
 SEE L-307

15TH STREET

RED DEER RIVER

LEGEND

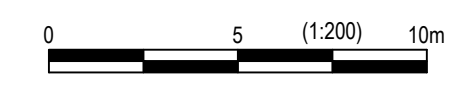
- ASPHALT PATHWAY
- SEE DETAILS A&B / L-901
- GRAVEL PATHWAY
- SEE DETAIL C / L-901
- DIKE ALIGNMENT
- TOP OF DIKE
- EXISTING CONTOUR
- EXISTING DRAINAGE
- PROPOSED CONTOUR
- PROPOSED SLOPE
- PROPOSED SPOT ELEVATION

NOTES

- LANDSCAPE LAYOUT AND GRADING DRAWINGS TO BE READ IN CONJUNCTION WITH CIVIL ENGINEERING DRAWINGS.
- REFER TO KCB'S DESIGN DRAWINGS FOR DIKE CONSTRUCTION DETAILS.



PLAN
 Scale 1:200



IBI GROUP
 3rd Floor - 227 11 Avenue SW
 Calgary AB T2R 1R9 Canada
 tel 403 270 5600 fax 403 270 5610
 ibigroup.com



Rev	Date	Des	Dwn	Chk	Description
0	2022-06-29	BB	MD	EJW	ISSUED FOR TENDER
1	2022-07-07	BB	MD	EJW	ISSUED FOR ADDENDUM #1
2	2022-08-11	BB	MD	EJW	ISSUED FOR CONSTRUCTION

Rev	Date	Des	Dwn	Chk	Description

**TOWN OF DRUMHELLER
 MIDLANDS DIKE**

LAYOUT & GRADING PLAN

Project No. **133142** Drawing No. **L-308** Rev. **2**

Group **LANDSCAPE**

1
2
3
4
5
6

100
50
0
millimeters

170
100
50
0
millimeters

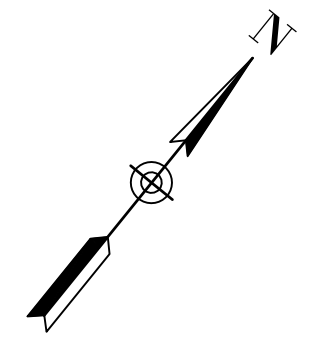
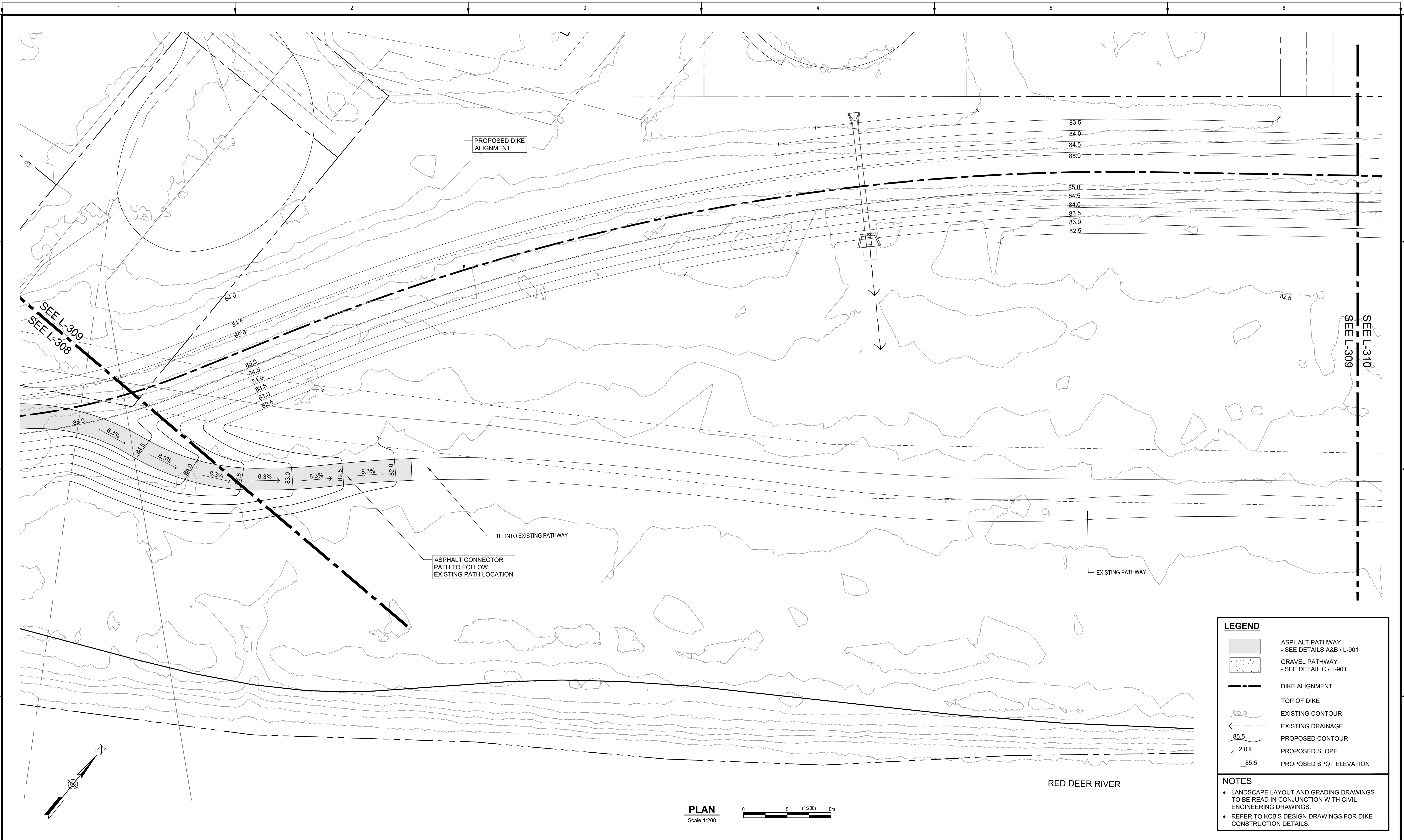
170
100
50
0
millimeters

170
100
50
0
millimeters

170
100
50
0
millimeters

170
100
50
0
millimeters

170
100
50
0
millimeters



PLAN
Scale 1:200

LEGEND

	ASPHALT PATHWAY - SEE DETAILS A&B / L-901
	GRAVEL PATHWAY - SEE DETAIL C / L-901
	DIKE ALIGNMENT
	TOP OF DIKE
	EXISTING CONTOUR 85.5
	EXISTING DRAINAGE 85.5
	PROPOSED CONTOUR 2.0%
	PROPOSED SLOPE 85.5
	PROPOSED SPOT ELEVATION 85.5

NOTES

- LANDSCAPE LAYOUT AND GRADING DRAWINGS TO BE READ IN CONJUNCTION WITH CIVIL ENGINEERING DRAWINGS.
- REFER TO KCB'S DESIGN DRAWINGS FOR DIKE CONSTRUCTION DETAILS.



IBI
IBI GROUP
3rd Floor - 227 11 Avenue SW
Calgary AB T2R 1R9 Canada
tel 403 270 5600 fax 403 270 5610
ibigroup.com

The Alberta Association of Landscape Architects
Ernie J. Webster

Rev	Date	Des	Dwn	Chk	Description
0	2022-06-29	BB	MD	EJW	ISSUED FOR TENDER
1	2022-07-07	BB	MD	EJW	ISSUED FOR ADDENDUM #1
2	2022-08-11	BB	MD	EJW	ISSUED FOR CONSTRUCTION

Rev	Date	Des	Dwn	Chk	Description

**TOWN OF DRUMHELLER
MIDLANDS DIKE**

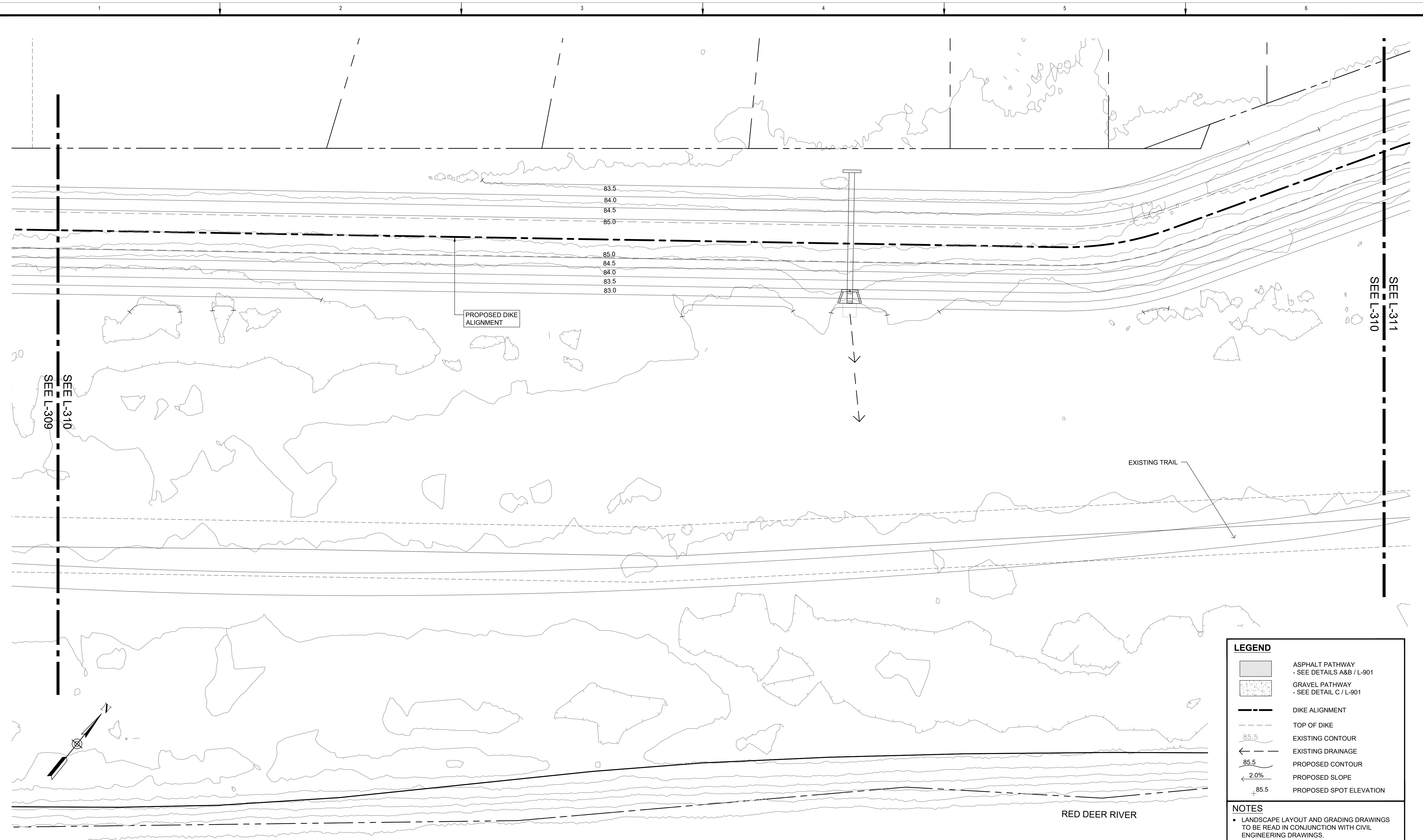
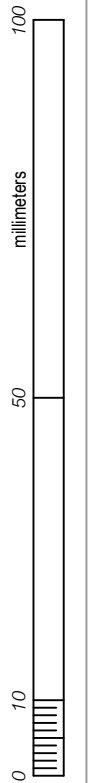
LAYOUT & GRADING PLAN

Project No. **133142** Drawing No. **L-309** Rev. **2**

Group **LANDSCAPE**

SAVED:2022/08/11 10:30 AM

Paper Size - ANSI D
At Full Size, this border measures 520 mm x 800 mm



LEGEND

	ASPHALT PATHWAY - SEE DETAILS A&B / L-901
	GRAVEL PATHWAY - SEE DETAIL C / L-901
	DIKE ALIGNMENT
	TOP OF DIKE
	EXISTING CONTOUR
	EXISTING DRAINAGE
	PROPOSED CONTOUR
	PROPOSED SLOPE
	PROPOSED SPOT ELEVATION

NOTES

- LANDSCAPE LAYOUT AND GRADING DRAWINGS TO BE READ IN CONJUNCTION WITH CIVIL ENGINEERING DRAWINGS.
- REFER TO KCB'S DESIGN DRAWINGS FOR DIKE CONSTRUCTION DETAILS.

PLAN
Scale 1:200



IBI GROUP
3rd Floor - 227 11 Avenue SW
Calgary AB T2R 1R9 Canada
tel 403 270 5600 fax 403 270 5610
ibigroup.com

The Alberta Association of Landscape Architects
Ernie Webster

Rev	Date	Des	Dwn	Chk	Description
0	2022-06-29	BB	MD	EJW	ISSUED FOR TENDER
1	2022-07-07	BB	MD	EJW	ISSUED FOR ADDENDUM #1
2	2022-08-11	BB	MD	EJW	ISSUED FOR CONSTRUCTION

Rev	Date	Des	Dwn	Chk	Description

**TOWN OF DRUMHELLER
MIDLANDS DIKE**

LAYOUT & GRADING PLAN

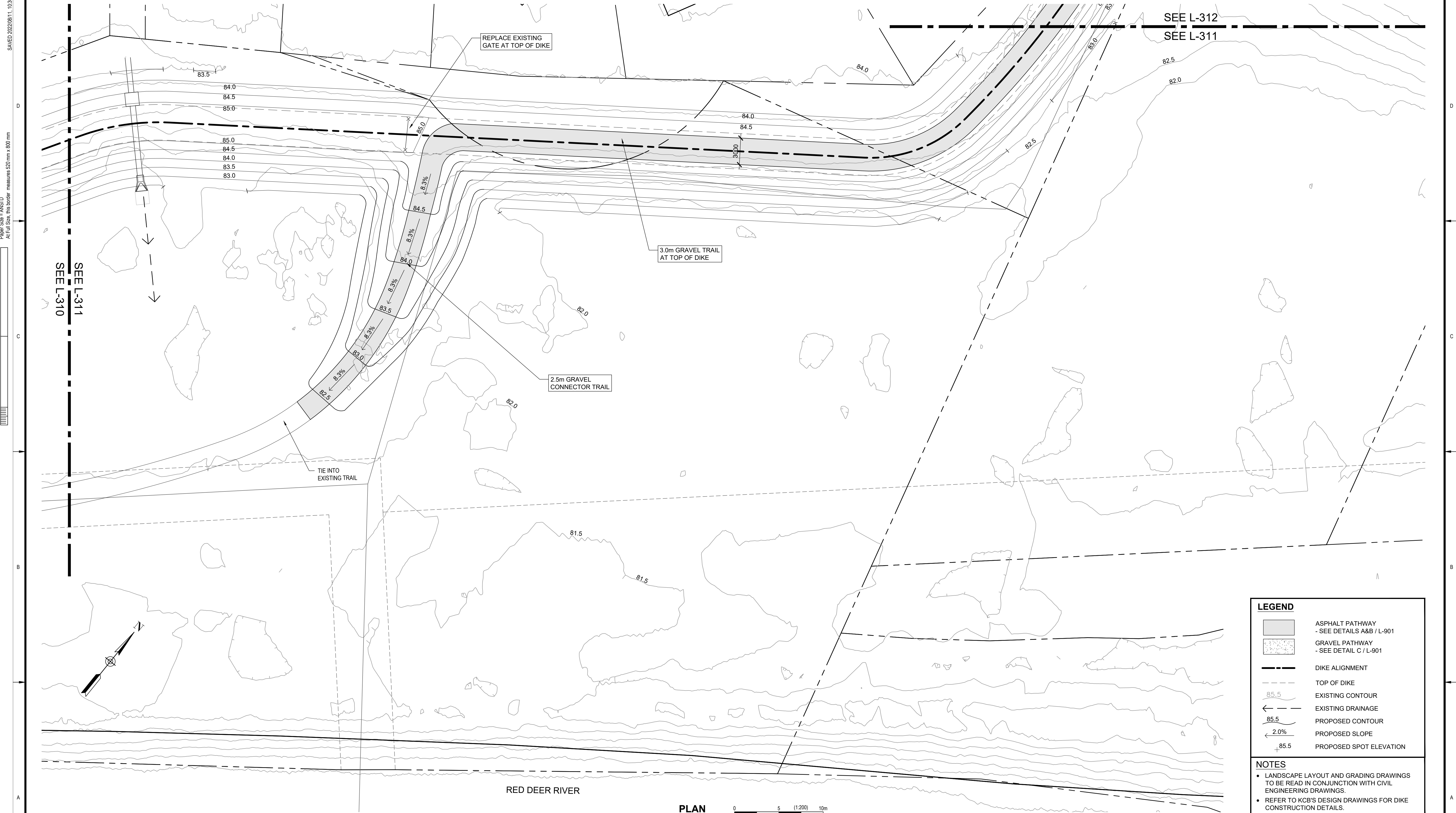
Project No. **133142** Drawing No. **L-310** Rev. **2**

Group **LANDSCAPE**

SAVED: 2022/08/11 10:30 AM

Paper Size = ANSI D
At Full Size, this border measures 520 mm x 800 mm

1:00
millimeters



SEE L-312
SEE L-311

SEE L-311
SEE L-310

REPLACE EXISTING
GATE AT TOP OF DIKE

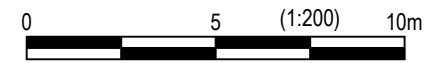
3.0m GRAVEL TRAIL
AT TOP OF DIKE

2.5m GRAVEL
CONNECTOR TRAIL

TIE INTO
EXISTING TRAIL

RED DEER RIVER

PLAN
Scale 1:200



LEGEND

- ASPHALT PATHWAY
- SEE DETAILS A&B / L-901
- GRAVEL PATHWAY
- SEE DETAIL C / L-901
- DIKE ALIGNMENT
- TOP OF DIKE
- EXISTING CONTOUR
- EXISTING DRAINAGE
- PROPOSED CONTOUR
- PROPOSED SLOPE
- PROPOSED SPOT ELEVATION

NOTES

- LANDSCAPE LAYOUT AND GRADING DRAWINGS TO BE READ IN CONJUNCTION WITH CIVIL ENGINEERING DRAWINGS.
- REFER TO KCB'S DESIGN DRAWINGS FOR DIKE CONSTRUCTION DETAILS.



IBI IBI GROUP
3rd Floor - 227 11 Avenue SW
Calgary AB T2R 1R9 Canada
tel 403 270 5600 fax 403 270 5610
ibigroup.com

The Alberta
Association of
Landscape
Architects
Ernie J Webster

Rev	Date	Des	Dwn	Chk	Description
0	2022-06-29	BB	MD	EJW	ISSUED FOR TENDER
1	2022-07-07	BB	MD	EJW	ISSUED FOR ADDENDUM #1
2	2022-08-11	BB	MD	EJW	ISSUED FOR CONSTRUCTION

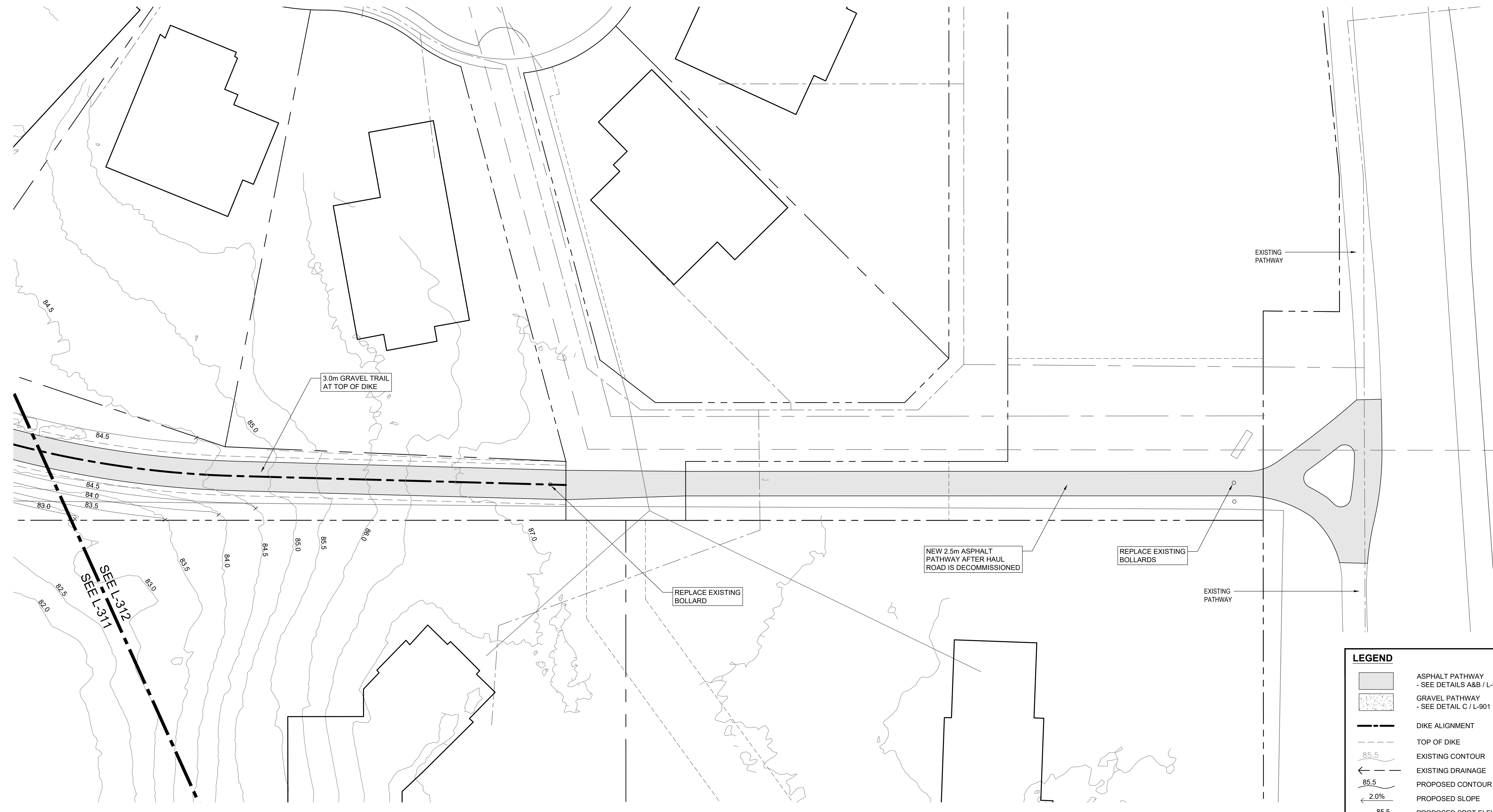
Rev	Date	Des	Dwn	Chk	Description

**TOWN OF DRUMHELLER
MIDLANDS DIKE**

LAYOUT & GRADING PLAN

Project No. **133142** Drawing No. **L-311** Rev. **2**

Group **LANDSCAPE**



SEE L-312
SEE L-371

PLAN
Scale 1:200



LEGEND

	ASPHALT PATHWAY - SEE DETAILS A&B / L-901
	GRAVEL PATHWAY - SEE DETAIL C / L-901
	DIKE ALIGNMENT
	TOP OF DIKE
	EXISTING CONTOUR
	EXISTING DRAINAGE
	PROPOSED CONTOUR
	PROPOSED SLOPE
	PROPOSED SPOT ELEVATION

- NOTES**
- LANDSCAPE LAYOUT AND GRADING DRAWINGS TO BE READ IN CONJUNCTION WITH CIVIL ENGINEERING DRAWINGS.
 - REFER TO KCB'S DESIGN DRAWINGS FOR DIKE CONSTRUCTION DETAILS.



IBI
IBI GROUP
3rd Floor - 227 11 Avenue SW
Calgary AB T2R 1R9 Canada
tel 403 270 5600 fax 403 270 5610
ibigroup.com



Rev	Date	Des	Dwn	Chk	Description
0	2022-06-29	BB	MD	EJW	ISSUED FOR TENDER
1	2022-07-07	BB	MD	EJW	ISSUED FOR ADDENDUM #1
2	2022-08-11	BB	MD	EJW	ISSUED FOR CONSTRUCTION

Rev	Date	Des	Dwn	Chk	Description

**TOWN OF DRUMHELLER
MIDLANDS DIKE**

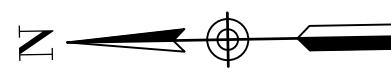
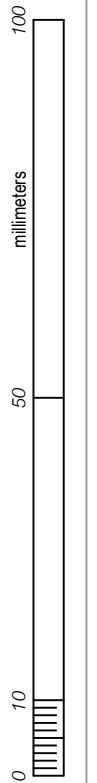
LAYOUT & GRADING PLAN

Project No. **133142** Drawing No. **L-312** Rev. **2**

Group **LANDSCAPE**

SAVED: 2022/08/11 10:38 AM

Paper Size = ANSI D
At Full Size, this border measures 520 mm x 800 mm



NORTH DINOSAUR TRAIL

25 ST NW

SEED MIX 2B

SEED MIX 2A

SEE L-401
SEE L-402

PLAN
Scale 1:200



LEGEND	
	EXISTING TREE TO REMAIN
	SEED MIX 2A UPLAND AREAS (WET SIDE SLOPES OF DIKE) ON 100mm DEPTH NATIVE TOPSOIL
	SEED MIX 2B UPLAND AREAS (DRY SIDE SLOPES OF DIKE) ON 100mm DEPTH NATIVE TOPSOIL
	SEED MIX 3 (TOP OF DIKE) ON 100mm DEPTH NATIVE TOPSOIL

NOTES

1. ALL WORK SHALL COMPLY WITH TOWN OF DRUMHELLER VALLEY "PRESERVING & ENHANCING THE URBAN FOREST: STANDARDS & TECHNIQUES"
2. ALL UTILITIES MUST BE INSTALLED/LOCATED PRIOR TO PLANTING ANY EXCAVATION. (SEE CIVIL ENGINEERING DRAWINGS)
3. REFER TO SHEET L-413 FOR SEED MIX COMPOSITION AND SEEDING NOTES.



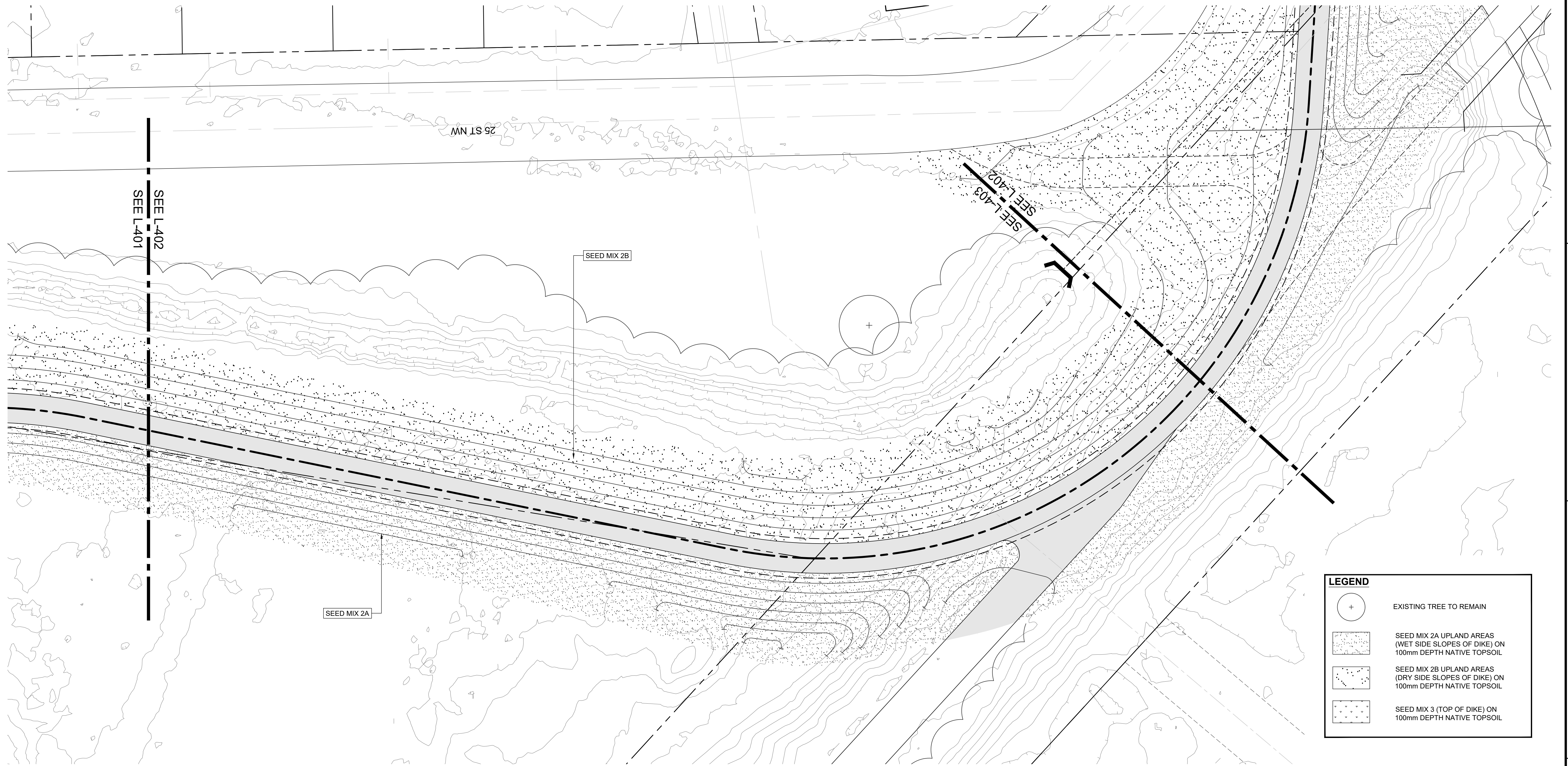
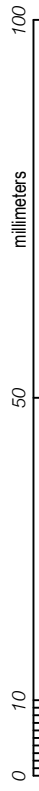
IBI GROUP
3rd Floor - 227 11 Avenue SW
Calgary AB T2R 1R9 Canada
tel 403 270 5600 fax 403 270 5610
ibigroup.com

The Alberta Association of Landscape Architects
Ernie J Webster

Rev	Date	Des	Dwn	Chk	Description
0	2022-06-29	BB	MD	EJW	ISSUED FOR TENDER
1	2022-07-07	BB	MD	EJW	ISSUED FOR ADDENDUM #1
2	2022-08-11	BB	MD	EJW	ISSUED FOR CONSTRUCTION

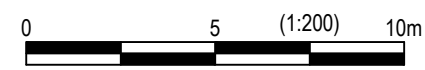
Rev	Date	Des	Dwn	Chk	Description

TOWN OF DRUMHELLER MIDLANDS DIKE	
SEEDING PLAN	
Project No. 133142	Drawing No. L-401
Group LANDSCAPE	Rev. 2



PLAN

Scale 1:200



LEGEND	
	EXISTING TREE TO REMAIN
	SEED MIX 2A UPLAND AREAS (WET SIDE SLOPES OF DIKE) ON 100mm DEPTH NATIVE TOPSOIL
	SEED MIX 2B UPLAND AREAS (DRY SIDE SLOPES OF DIKE) ON 100mm DEPTH NATIVE TOPSOIL
	SEED MIX 3 (TOP OF DIKE) ON 100mm DEPTH NATIVE TOPSOIL



IBI GROUP
 3rd Floor – 227 11 Avenue SW
 Calgary AB T2R 1R9 Canada
 tel 403 270 5600 fax 403 270 5610
 ibigroup.com

The Alberta
 Association of
 Landscape
 Architects

 Erin J Webster

Rev	Date	Des	Dwn	Chk	Description
0	2022-06-29	BB	MD	EJW	ISSUED FOR TENDER
1	2022-07-07	BB	MD	EJW	ISSUED FOR ADDENDUM #1
2	2022-08-11	BB	MD	EJW	ISSUED FOR CONSTRUCTION

Rev	Date	Des	Dwn	Chk	Description

TOWN OF DRUMHELLER MIDLANDS DIKE	
SEEDING PLAN	
Project No. 133142	Drawing No. L-402
Group LANDSCAPE	Rev. 2

1
2
3
4
5
6

100
50
0
millimeters

Paper Size = ANSI D
At Full Size, this border measures 520 mm x 800 mm

0
10
50
100

0
10
50
100

0
10
50
100

0
10
50
100

0
10
50
100

0
10
50
100

0
10
50
100

0
10
50
100

0
10
50
100

0
10
50
100

0
10
50
100

0
10
50
100

0
10
50
100

0
10
50
100

0
10
50
100

0
10
50
100

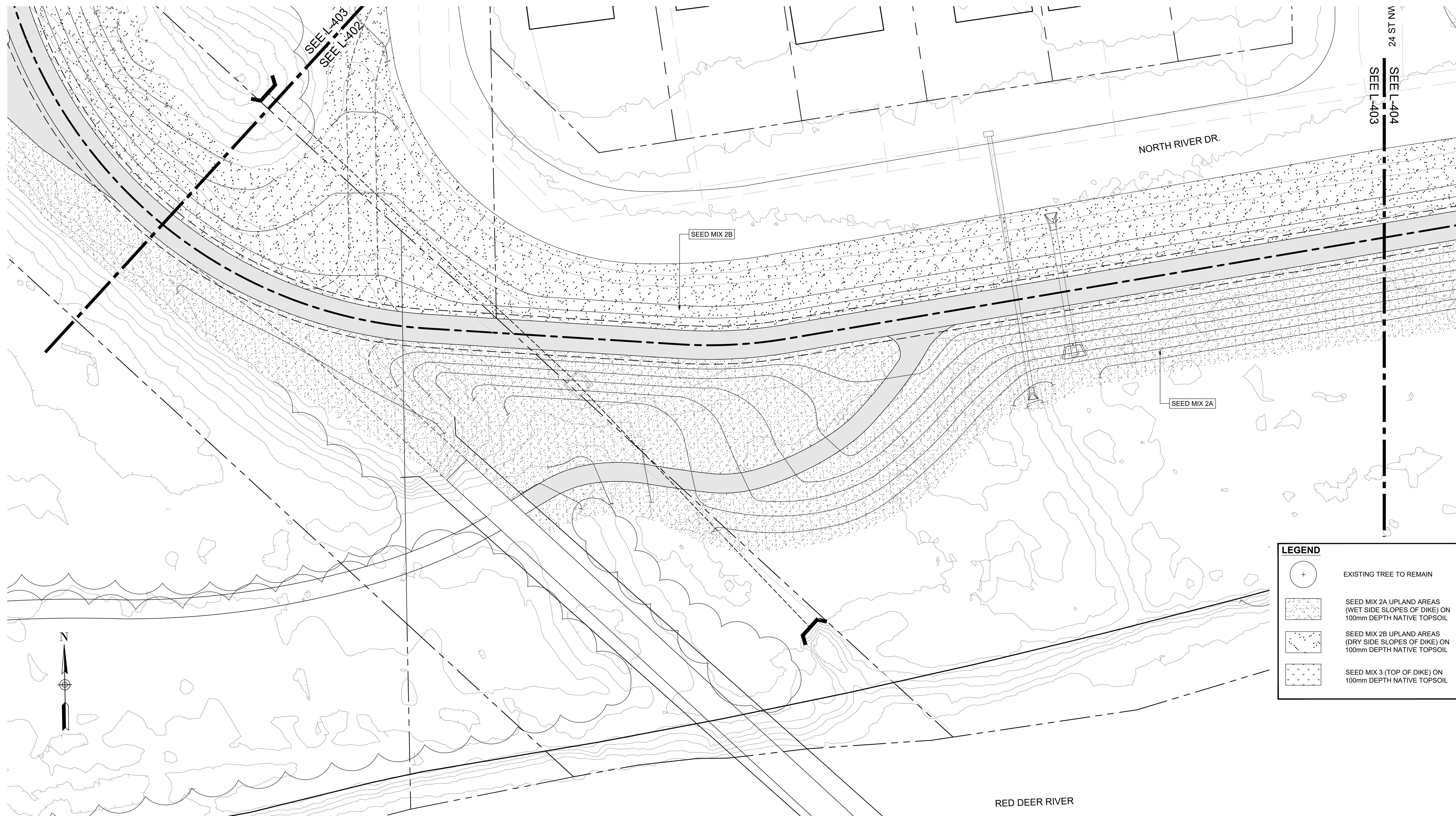
0
10
50
100

0
10
50
100

0
10
50
100

0
10
50
100

0
10
50
100



LEGEND

	EXISTING TREE TO REMAIN
	SEED MIX 2A UPLAND AREAS (WET SIDE SLOPES OF DIKE) ON 100mm DEPTH NATIVE TOPSOIL
	SEED MIX 2B UPLAND AREAS (DRY SIDE SLOPES OF DIKE) ON 100mm DEPTH NATIVE TOPSOIL
	SEED MIX 3 (TOP OF DIKE) ON 100mm DEPTH NATIVE TOPSOIL

PLAN
Scale 1:200



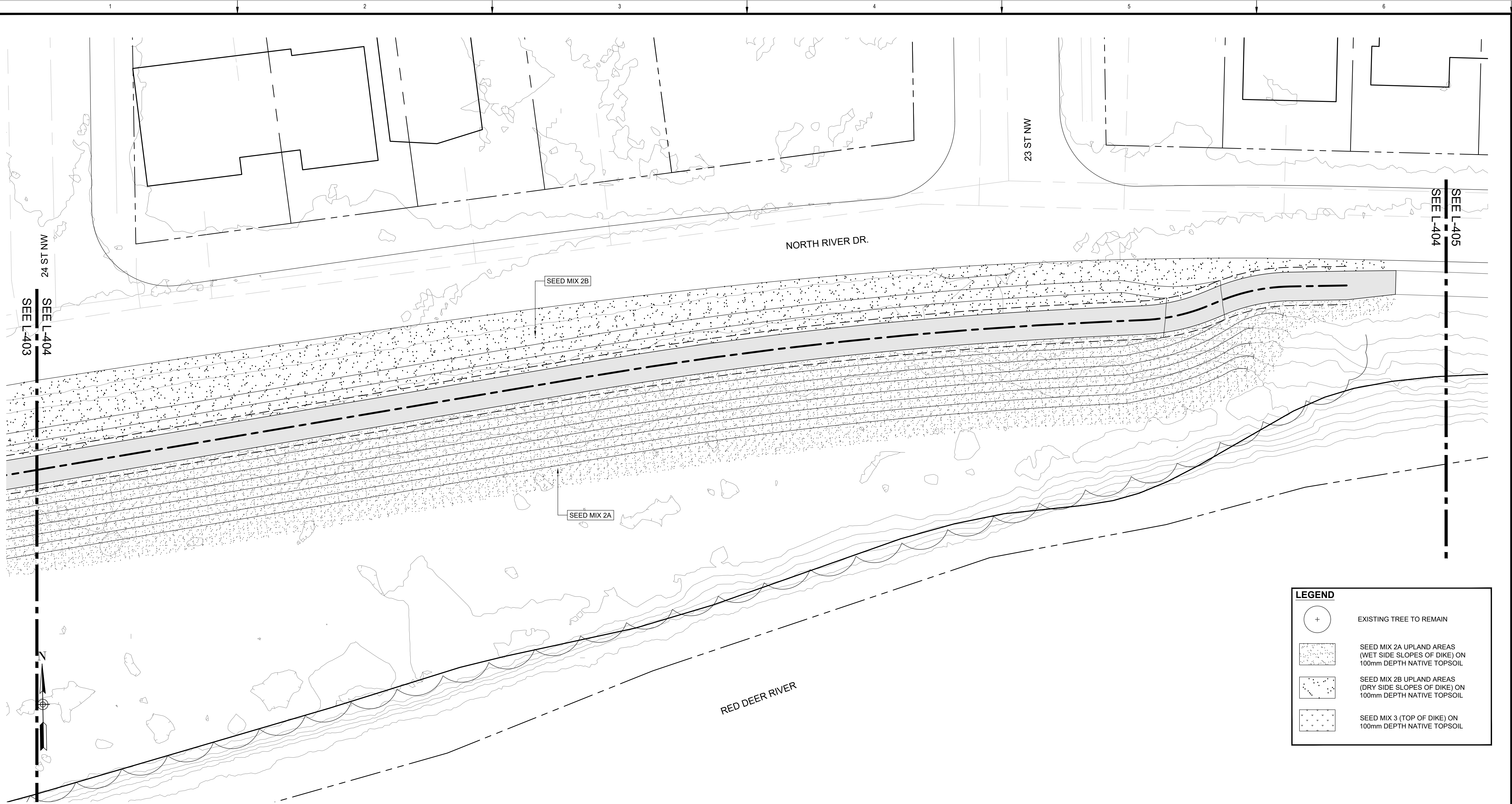
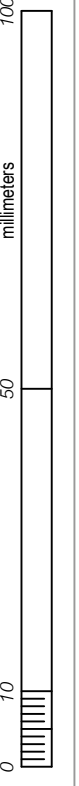
IBI GROUP
3rd Floor - 227 11 Avenue SW
Calgary AB T2R 1R9 Canada
tel 403 270 5600 fax 403 270 5610
ibigroup.com

The Alberta Association of Landscape Architects
Ernie J Webster

Rev	Date	Des	Dwn	Chk	Description
0	2022-06-29	BB	MD	EJW	ISSUED FOR TENDER
1	2022-07-07	BB	MD	EJW	ISSUED FOR ADDENDUM #1
2	2022-08-11	BB	MD	EJW	ISSUED FOR CONSTRUCTION

Rev	Date	Des	Dwn	Chk	Description

TOWN OF DRUMHELLER MIDLANDS DIKE	
SEEDING PLAN	
Project No. 133142	Drawing No. L-403
Group LANDSCAPE	Rev. 2



LEGEND	
	EXISTING TREE TO REMAIN
	SEED MIX 2A UPLAND AREAS (WET SIDE SLOPES OF DIKE) ON 100mm DEPTH NATIVE TOPSOIL
	SEED MIX 2B UPLAND AREAS (DRY SIDE SLOPES OF DIKE) ON 100mm DEPTH NATIVE TOPSOIL
	SEED MIX 3 (TOP OF DIKE) ON 100mm DEPTH NATIVE TOPSOIL

PLAN
Scale 1:200



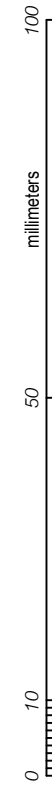
IBI IBI GROUP
3rd Floor - 227 11 Avenue SW
Calgary AB T2R 1R9 Canada
tel 403 270 5600 fax 403 270 5610
ibigroup.com

The Alberta Association of Landscape Architects
Ernie Webster

Rev	Date	Des	Dwn	Chk	Description
0	2022-06-29	BB	MD	EJW	ISSUED FOR TENDER
1	2022-07-07	BB	MD	EJW	ISSUED FOR ADDENDUM #1
2	2022-08-11	BB	MD	EJW	ISSUED FOR CONSTRUCTION

Rev	Date	Des	Dwn	Chk	Description

TOWN OF DRUMHELLER MIDLANDS DIKE			
SEEDING PLAN			
Project No.	133142	Drawing No.	L-404
Group	LANDSCAPE	Rev.	2



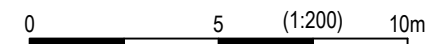
SEE L-405
SEE L-404

22 ST NW

NORTH RIVER DR.

PLAN

Scale 1:200



LEGEND	
	EXISTING TREE TO REMAIN
	SEED MIX 2A UPLAND AREAS (WET SIDE SLOPES OF DIKE) ON 100mm DEPTH NATIVE TOPSOIL
	SEED MIX 2B UPLAND AREAS (DRY SIDE SLOPES OF DIKE) ON 100mm DEPTH NATIVE TOPSOIL
	SEED MIX 3 (TOP OF DIKE) ON 100mm DEPTH NATIVE TOPSOIL



IBI GROUP
3rd Floor - 227 11 Avenue SW
Calgary AB T2R 1R9 Canada
tel 403 270 5600 fax 403 270 5610
ibigroup.com

The Alberta Association of Landscape Architects
Ernie J Webster

Rev	Date	Des	Dwn	Chk	Description
0	2022-06-29	BB	MD	EJW	ISSUED FOR TENDER
1	2022-07-07	BB	MD	EJW	ISSUED FOR ADDENDUM #1
2	2022-08-11	BB	MD	EJW	ISSUED FOR CONSTRUCTION

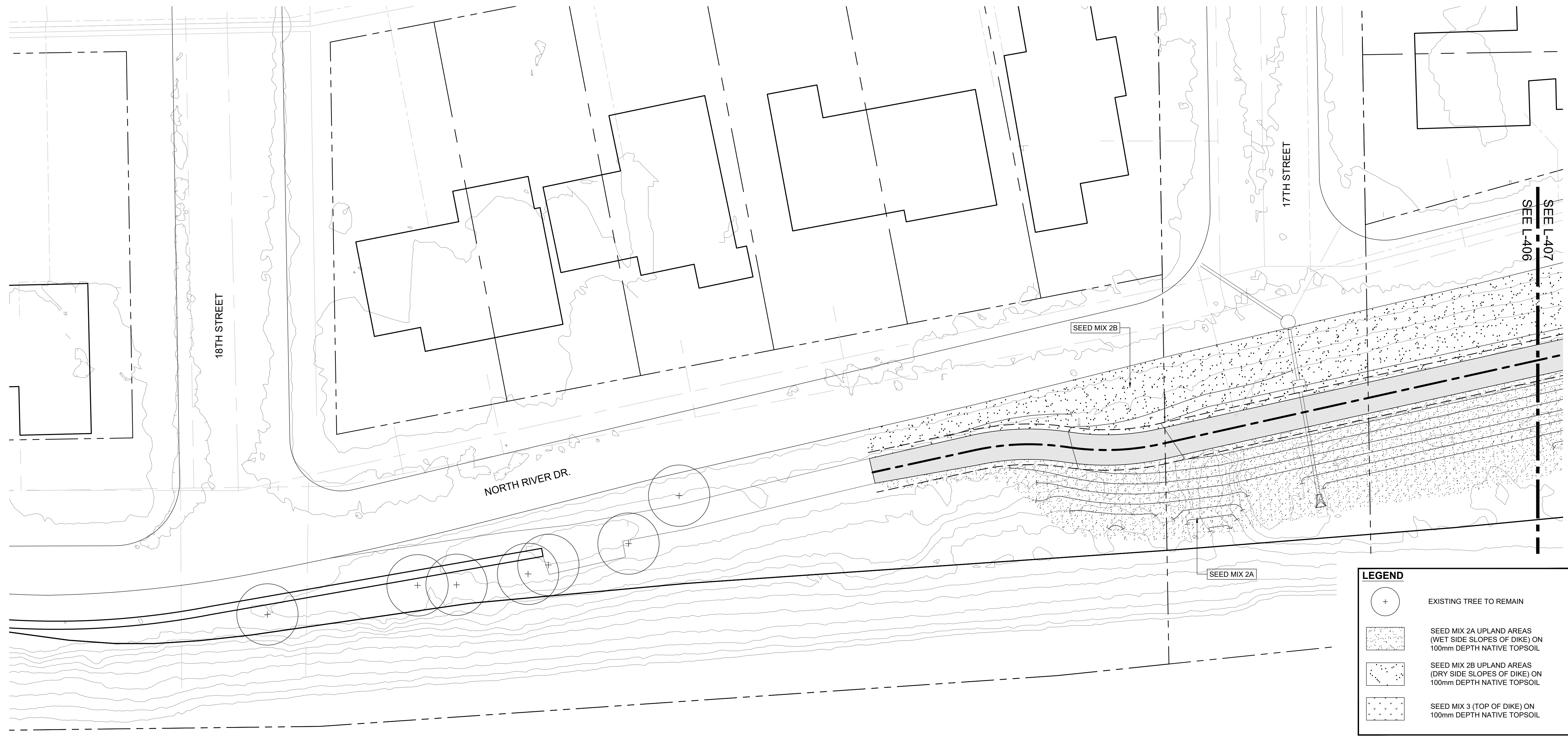
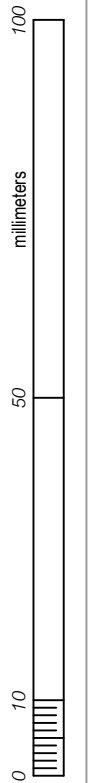
Rev	Date	Des	Dwn	Chk	Description

**TOWN OF DRUMHELLER
MIDLANDS DIKE**

SEEDING PLAN

Project No. **133142** Drawing No. **L-405** Rev. **2**

Group **LANDSCAPE**



LEGEND

- EXISTING TREE TO REMAIN
- SEED MIX 2A UPLAND AREAS (WET SIDE SLOPES OF DIKE) ON 100mm DEPTH NATIVE TOPSOIL
- SEED MIX 2B UPLAND AREAS (DRY SIDE SLOPES OF DIKE) ON 100mm DEPTH NATIVE TOPSOIL
- SEED MIX 3 (TOP OF DIKE) ON 100mm DEPTH NATIVE TOPSOIL



PLAN
 Scale 1:200



IBI GROUP
 3rd Floor - 227 11 Avenue SW
 Calgary AB T2R 1R9 Canada
 tel 403 270 5600 fax 403 270 5610
 ibigroup.com

The Alberta Association of Landscape Architects

 Erin Webster

Rev	Date	Des	Dwn	Chk	Description
0	2022-06-29	BB	MD	EJW	ISSUED FOR TENDER
1	2022-07-07	BB	MD	EJW	ISSUED FOR ADDENDUM #1
2	2022-08-11	BB	MD	EJW	ISSUED FOR CONSTRUCTION

Rev	Date	Des	Dwn	Chk	Description

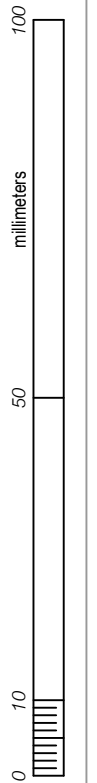
**TOWN OF DRUMHELLER
 MIDLANDS DIKE**

SEEDING PLAN

Project No. **133142** Drawing No. **L-406** Rev. **2**
 Group **LANDSCAPE**

SAVED:2022/08/11 10:38 AM

Paper Size - ANSI D
 At Full Size, this border measures 520 mm x 800 mm



LEGEND	
	EXISTING TREE TO REMAIN
	SEED MIX 2A UPLAND AREAS (WET SIDE SLOPES OF DIKE) ON 100mm DEPTH NATIVE TOPSOIL
	SEED MIX 2B UPLAND AREAS (DRY SIDE SLOPES OF DIKE) ON 100mm DEPTH NATIVE TOPSOIL
	SEED MIX 3 (TOP OF DIKE) ON 100mm DEPTH NATIVE TOPSOIL



PLAN
 Scale 1:200



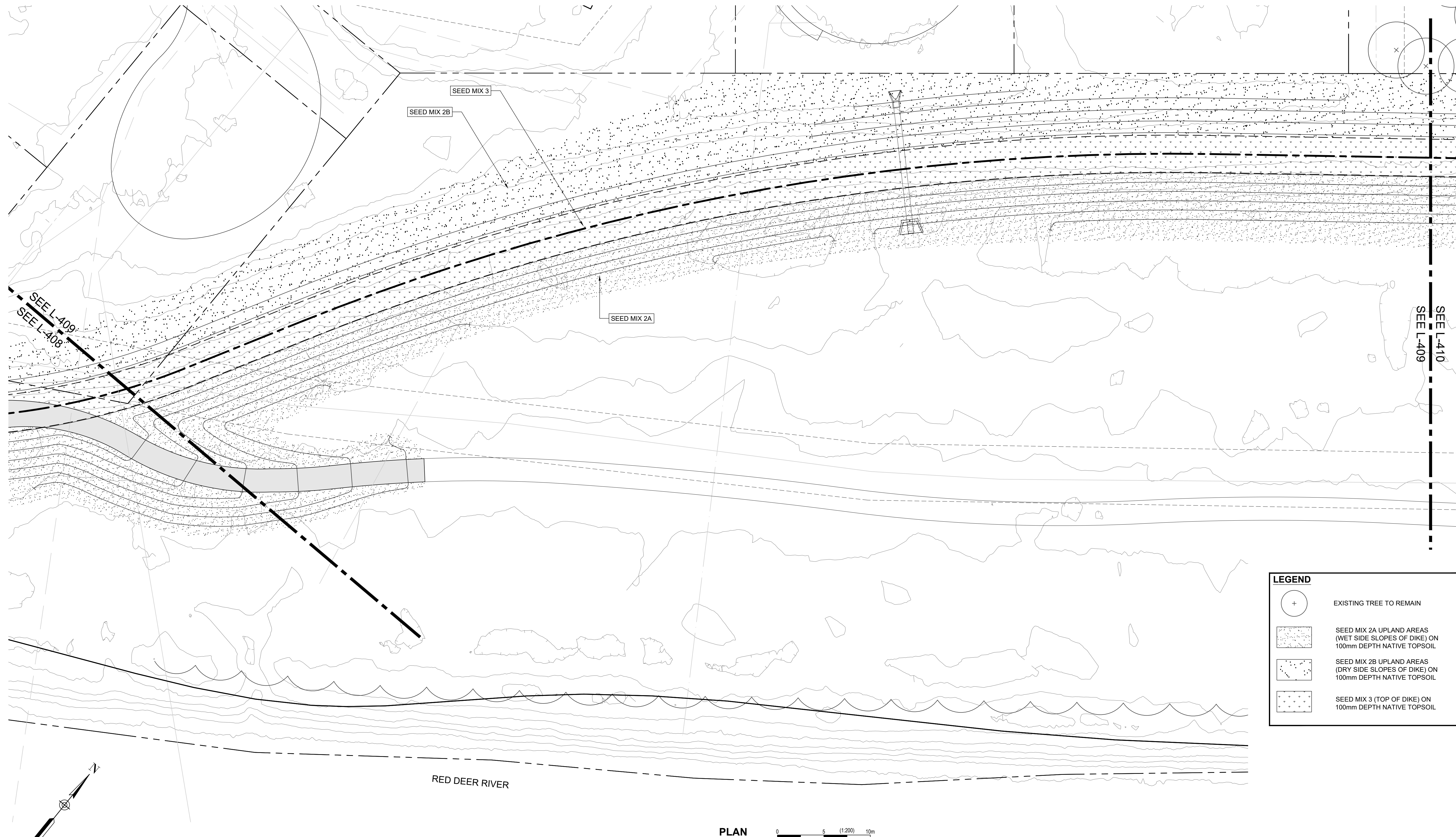
IBI GROUP
 3rd Floor - 227 11 Avenue SW
 Calgary AB T2R 1R9 Canada
 tel 403 270 5600 fax 403 270 5610
 ibigroup.com

The Alberta Association of Landscape Architects
 Ernie J Webster

Rev	Date	Des	Dwn	Chk	Description
0	2022-06-29	BB	MD	EJW	ISSUED FOR TENDER
1	2022-07-07	BB	MD	EJW	ISSUED FOR ADDENDUM #1
2	2022-08-11	BB	MD	EJW	ISSUED FOR CONSTRUCTION

Rev	Date	Des	Dwn	Chk	Description

TOWN OF DRUMHELLER MIDLANDS DIKE	
SEEDING PLAN	
Project No. 133142	Drawing No. L-407
Group LANDSCAPE	Rev. 2



LEGEND	
	EXISTING TREE TO REMAIN
	SEED MIX 2A UPLAND AREAS (WET SIDE SLOPES OF DIKE) ON 100mm DEPTH NATIVE TOPSOIL
	SEED MIX 2B UPLAND AREAS (DRY SIDE SLOPES OF DIKE) ON 100mm DEPTH NATIVE TOPSOIL
	SEED MIX 3 (TOP OF DIKE) ON 100mm DEPTH NATIVE TOPSOIL

PLAN
Scale 1:200



IBI GROUP
3rd Floor - 227 11 Avenue SW
Calgary AB T2R 1R9 Canada
tel 403 270 5600 fax 403 270 5610
ibigroup.com

The Alberta Association of Landscape Architects
Ernie J Webster

Rev	Date	Des	Dwn	Chk	Description
0	2022-06-29	BB	MD	EJW	ISSUED FOR TENDER
1	2022-07-07	BB	MD	EJW	ISSUED FOR ADDENDUM #1
2	2022-08-11	BB	MD	EJW	ISSUED FOR CONSTRUCTION

Rev	Date	Des	Dwn	Chk	Description

**TOWN OF DRUMHELLER
MIDLANDS DIKE**

SEEDING PLAN

Project No. **133142** Drawing No. **L-409** Rev. **2**
Group **LANDSCAPE**



LEGEND

	EXISTING TREE TO REMAIN
	SEED MIX 2A UPLAND AREAS (WET SIDE SLOPES OF DIKE) ON 100mm DEPTH NATIVE TOPSOIL
	SEED MIX 2B UPLAND AREAS (DRY SIDE SLOPES OF DIKE) ON 100mm DEPTH NATIVE TOPSOIL
	SEED MIX 3 (TOP OF DIKE) ON 100mm DEPTH NATIVE TOPSOIL

PLAN
Scale 1:200



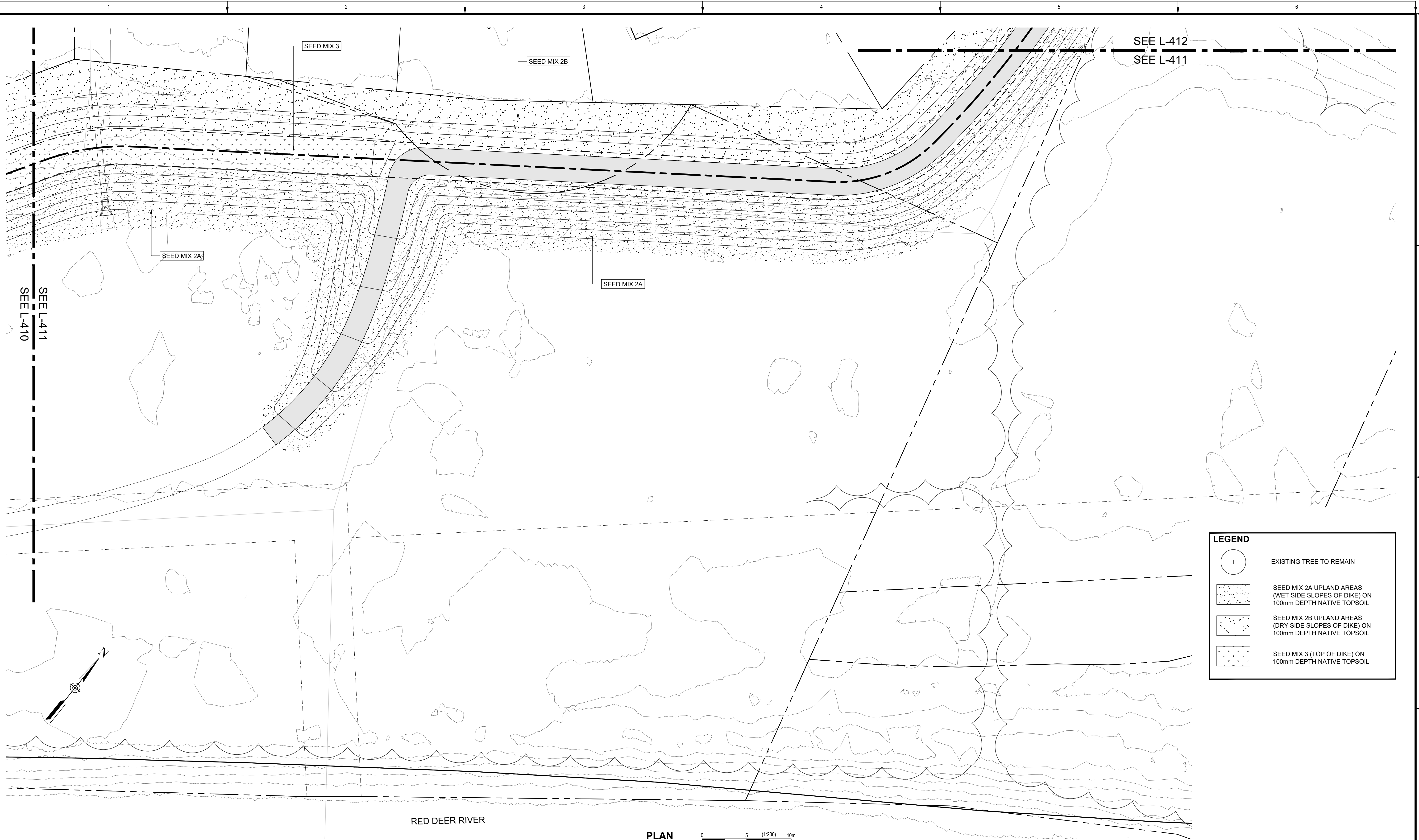
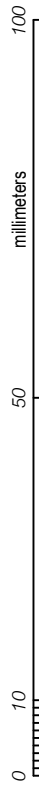
IBI IBI GROUP
3rd Floor - 227 11 Avenue SW
Calgary AB T2R 1R9 Canada
tel 403 270 5600 fax 403 270 5610
ibigroup.com

Seal
The Alberta Association of Landscape Architects
Ernie J Webster

Rev	Date	Des	Dwn	Chk	Description
0	2022-06-29	BB	MD	EJW	ISSUED FOR TENDER
1	2022-07-07	BB	MD	EJW	ISSUED FOR ADDENDUM #1
2	2022-08-11	BB	MD	EJW	ISSUED FOR CONSTRUCTION

Rev	Date	Des	Dwn	Chk	Description

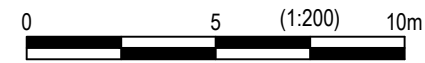
TOWN OF DRUMHELLER MIDLANDS DIKE	
SEEDING PLAN	
Project No. 133142	Drawing No. L-410
Group LANDSCAPE	Rev. 2



LEGEND	
	EXISTING TREE TO REMAIN
	SEED MIX 2A UPLAND AREAS (WET SIDE SLOPES OF DIKE) ON 100mm DEPTH NATIVE TOPSOIL
	SEED MIX 2B UPLAND AREAS (DRY SIDE SLOPES OF DIKE) ON 100mm DEPTH NATIVE TOPSOIL
	SEED MIX 3 (TOP OF DIKE) ON 100mm DEPTH NATIVE TOPSOIL

RED DEER RIVER

PLAN
 Scale 1:200



IBI GROUP
 3rd Floor – 227 11 Avenue SW
 Calgary AB T2R 1R9 Canada
 tel 403 270 5600 fax 403 270 5610
 ibigroup.com

The Alberta Association of Landscape Architects

 Erin J Webster

Rev	Date	Des	Dwn	Chk	Description
0	2022-06-29	BB	MD	EJW	ISSUED FOR TENDER
1	2022-07-07	BB	MD	EJW	ISSUED FOR ADDENDUM #1
2	2022-08-11	BB	MD	EJW	ISSUED FOR CONSTRUCTION

Rev	Date	Des	Dwn	Chk	Description

**TOWN OF DRUMHELLER
 MIDLANDS DIKE**

SEEDING PLAN

Project No. **133142** Drawing No. **L-411** Rev. **2**
 Group **LANDSCAPE**



PLAN
Scale 1:200



LEGEND	
	EXISTING TREE TO REMAIN
	SEED MIX 2A UPLAND AREAS (WET SIDE SLOPES OF DIKE) ON 100mm DEPTH NATIVE TOPSOIL
	SEED MIX 2B UPLAND AREAS (DRY SIDE SLOPES OF DIKE) ON 100mm DEPTH NATIVE TOPSOIL
	SEED MIX 3 (TOP OF DIKE) ON 100mm DEPTH NATIVE TOPSOIL



IBI GROUP
3rd Floor - 227 11 Avenue SW
Calgary AB T2R 1R9 Canada
tel 403 270 5600 fax 403 270 5610
ibigroup.com

The Alberta
Association of
Landscape
Architects
Ernie J Webster

Rev	Date	Des	Dwn	Chk	Description
0	2022-06-29	BB	MD	EJW	ISSUED FOR TENDER
1	2022-07-07	BB	MD	EJW	ISSUED FOR ADDENDUM #1
2	2022-08-11	BB	MD	EJW	ISSUED FOR CONSTRUCTION

Rev	Date	Des	Dwn	Chk	Description

TOWN OF DRUMHELLER MIDLANDS DIKE	
SEEDING PLAN	
Project No. 133142	Drawing No. L-412
Group LANDSCAPE	Rev. 2

Seed Mix 1 - Wet Tolerant: Seed below 1:2-year high water mark - Application rate of 58 kg / ha.

BOTANICAL NAME	COMMON NAME	TARGET COVER	% OF SEED MIX (PLS)	Kg REQUIRED (PLS)
<i>Deschampsia cespitosa</i>	Tufted Hairgrass	25%	3%	1.97
<i>Pascopyrum smithii</i> / <i>Agropyron smithii</i>	Western Wheatgrass	20%	32%	18.60
<i>Bromus carinatus</i>	Mountain Brome	5%	10%	5.68
<i>Elymus trachycaulus</i> / <i>Agropyron trachycaulum</i> var.	Slender Wheatgrass	10%	11%	6.39
<i>Elymus canadensis</i>	Canada Wildrye	15%	23%	13.34
<i>Spartina pectinata</i>	Alkali Cordgrass	25%	21%	11.66

Cover crop for Seed Mix 1 - Wet Tolerant: Slough Grass - Application rate of 5 kg / ha.

Seed Mix 2A - Upland Areas: Wet side slopes of dike, not likely susceptible to inundation - Application rate of 58 kg / ha.

BOTANICAL NAME	COMMON NAME	TARGET COVER	% OF SEED MIX (PLS)	Kg REQUIRED (PLS)
<i>Elymus lanceolatus</i> / <i>Agropyron dasystachyum</i>	Northern Wheatgrass	15%	16%	9.30
<i>Pascopyrum smithii</i> / <i>Agropyron smithii</i>	Western Wheatgrass	20%	30%	17.36
<i>Elymus trachycaulus</i> / <i>Agropyron trachycaulum</i> var.	Slender Wheatgrass	10%	10%	5.97
<i>Bouteloua gracilis</i>	Blue Grama	10%	2%	0.88
<i>Elymus canadensis</i>	Canada Wildrye	10%	14%	8.30
<i>Nassella viridula</i> / <i>Stipa viridula</i>	Green Needlegrass	25%	27%	15.82
<i>Koeleria macrantha</i>	Junegrass	10%	1%	0.58

Cover crop for Seed Mix 2A - Upland Areas: Annual Ryegrass - application rate of 5 kg / ha.

Seed Mix 2B - Upland Areas with low erosion and low risk of washout - Reinstall native topsoil materials and add crop of *Lolium multiflorum* (Annual Ryegrass) at 10 kg / ha for areas outlined on drawings.

Seed Mix 3 - Top of Dike - application rate of 50 kg / ha.

BOTANICAL NAME	COMMON NAME	TARGET COVER	% OF SEED MIX (PLS)	Kg REQUIRED (PLS)
<i>Elymus lanceolatus</i> / <i>Agropyron dasystachyum</i>	Northern Wheatgrass	23%	46%	22.91
<i>Pascopyrum smithii</i> / <i>Agropyron smithii</i>	Western Wheatgrass	10%	23%	11.16
<i>Bouteloua gracilis</i>	Blue Grama	20%	6%	2.83
<i>Hesperostipa comata</i> / <i>Stipa comata</i>	Needle and Thread	2%	4%	2.13
<i>Poa sandbergii</i>	Sandberg Bluegrass	15%	6%	3.07
<i>Nassella viridula</i> / <i>Stipa viridula</i>	Green Needlegrass	5%	9%	4.24
<i>Koeleria macrantha</i>	Junegrass	23%	4%	2.13
<i>Dalea purpurea</i>	Purple Prairie Clover	2%	2%	1.02

Cover crop for Seed Mix 3 - Top of dike: Annual Ryegrass - application rate of 5 kg / ha.

SEEDING NOTES

- ENSURE SEED MIXTURE IS FREE OF ANY WEED SEEDS LISTED AS "PROHIBITED NOXIOUS" OR "NOXIOUS" UNDER THE WEED CONTROL ACT AND SEEDS OF OTHER SPECIES THAT WILL INTERFERE WITH THE GROWTH OF THE SPECIFIED SEED MIXTURE.
- SOW AT THE RATE INDICATED WITH SEED MIXES, DURING CALM WEATHER AND WHEN SOIL MOISTURE CONTENT IS ADEQUATE FOR GERMINATION.
- FOR SLOPES 2:1 OR FLATTER AREAS TO BE SEEDED THAT ARE EASILY ACCESSIBLE APPLY SEED USING A MECHANICAL DRY SPREAD "BRILLION" SEEDER THAT PLACES SEED AT SPECIFIED DEPTH AND RATE AND ROLLS IN A SINGLE OPERATION.
- FOR STEEPER THAN 2:1 SLOPES OR SLOPES THAT ARE NOT EASILY ACCESSIBLE USE MANUALLY OPERATED BROADCAST SEEDER.
- SOW SEED IN TWO DIRECTIONS, 50% OF SEED IN ONE DIRECTION AND REMAINING 50% OF SEED AT RIGHT ANGLES TO FIRST SEEDING PATTERN, USING SAME METHOD OF SEEDING.
- COVER BROADCASTED SEED BY HAND RAKING AND ATV HARROWING-IN.
- OPTIMAL SEEDING PERIODS FOR NATIVE GRASSES:
 - MID TO LATE MAY, EARLY JUNE - NO LATER THAN JUNE 15TH.
 - LATE SEPTEMBER - AFTER FIRST HARD FROST WHEN PLANTS GO DORMANT. DO NOT SEED NEAR END OF SEASON UNTIL THE RISK OF SEED GERMINATION IS LOW. SEED THAT GERMINATES AND DOES NOT FULLY ESTABLISH PRIOR TO END OF GROWING SEASON WILL LIKELY NOT OVERWINTER.
- WATER THE SEEDED AREAS AFTER SEEDING TO ACHIEVE GERMINATION AND A UNIFORM STAND OF GRASS. THE OWNER WILL DETERMINE THE WATERING SCHEDULE AND WILL PROVIDE THE CONTRACTOR WITH AT LEAST 24 HOURS ADVANCE NOTICE TO COMMENCE WATERING SEEDED AREAS.
- APPLY WATER UNIFORMLY TO SEEDED AREAS WITHOUT CAUSING DISPLACEMENT OR EROSION OF THE MATERIALS AND TOPSOIL.
- MINIMIZE TRAVEL ON SEEDED SURFACES.
- USE WATERING EQUIPMENT AND TECHNIQUES AUTHORIZED BY THE OWNER.



IBI GROUP
3rd Floor - 227 11 Avenue SW
Calgary AB T2R 1R9 Canada
tel 403 270 5600 fax 403 270 5610
ibigroup.com



Rev	Date	Des	Dwn	Chk	Description
0	2022-06-29	BB	MD	EJW	ISSUED FOR TENDER
1	2022-07-07	BB	MD	EJW	ISSUED FOR ADDENDUM #1
2	2022-08-11	BB	MD	EJW	ISSUED FOR CONSTRUCTION

Rev	Date	Des	Dwn	Chk	Description

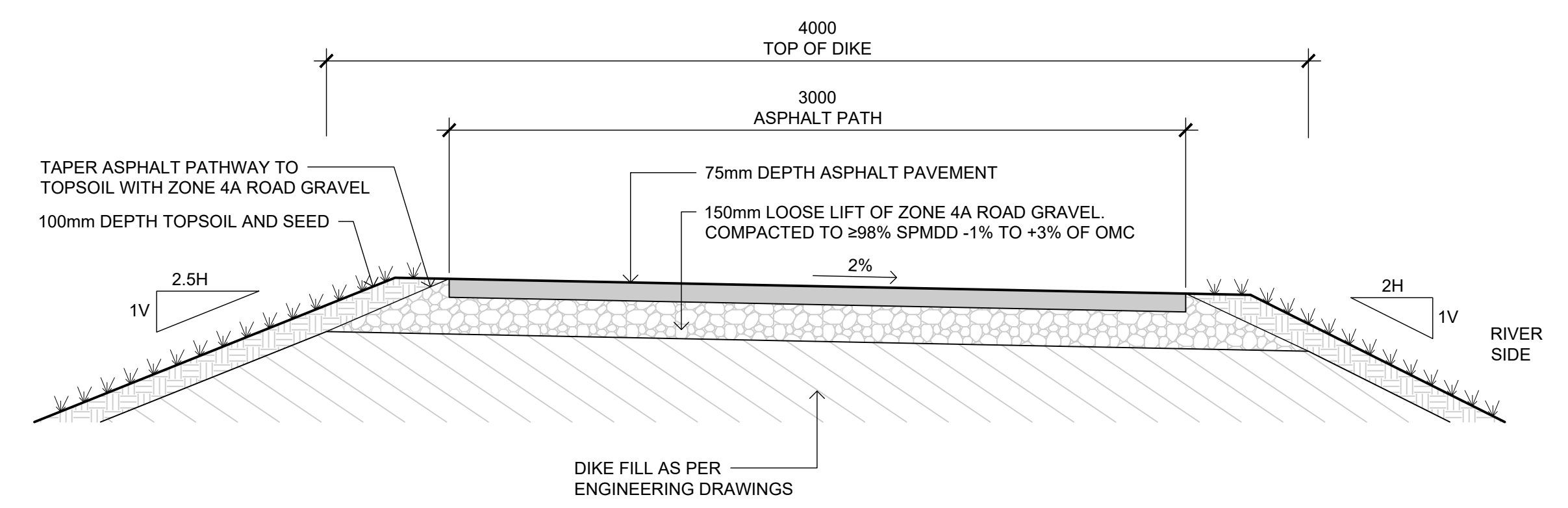
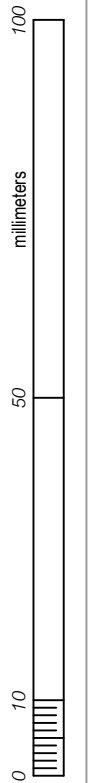
**TOWN OF DRUMHELLER
MIDLANDS DIKE**

SEEDING NOTES

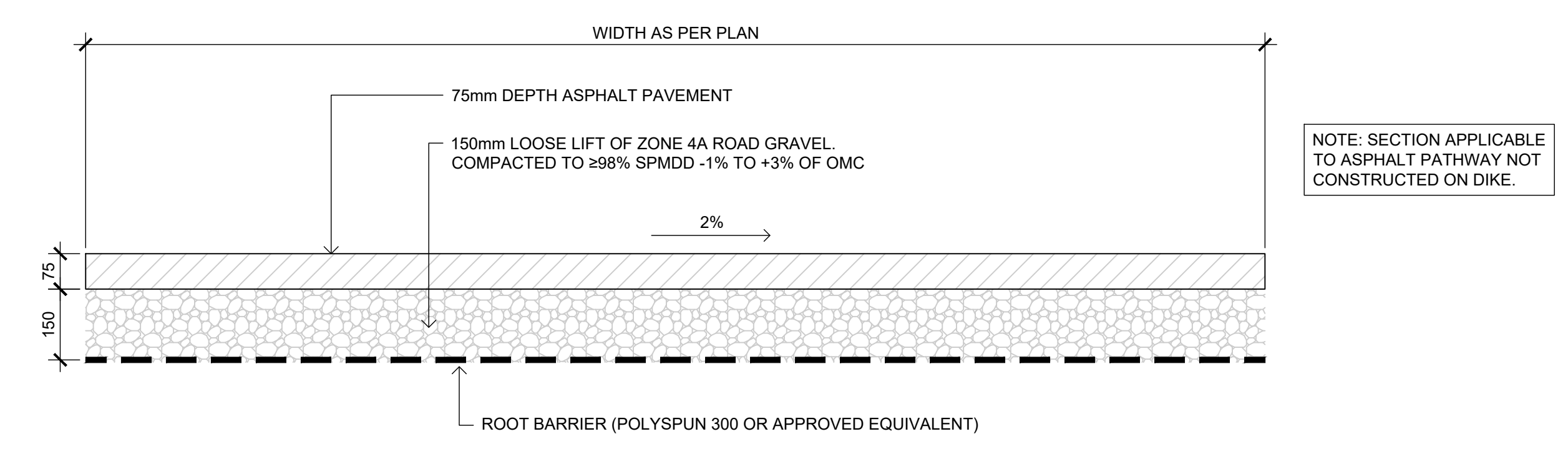
Project No. 133142	Drawing No. L-413	Rev. 2
Group LANDSCAPE		

SAVED: 2022/08/09, 7:29 AM

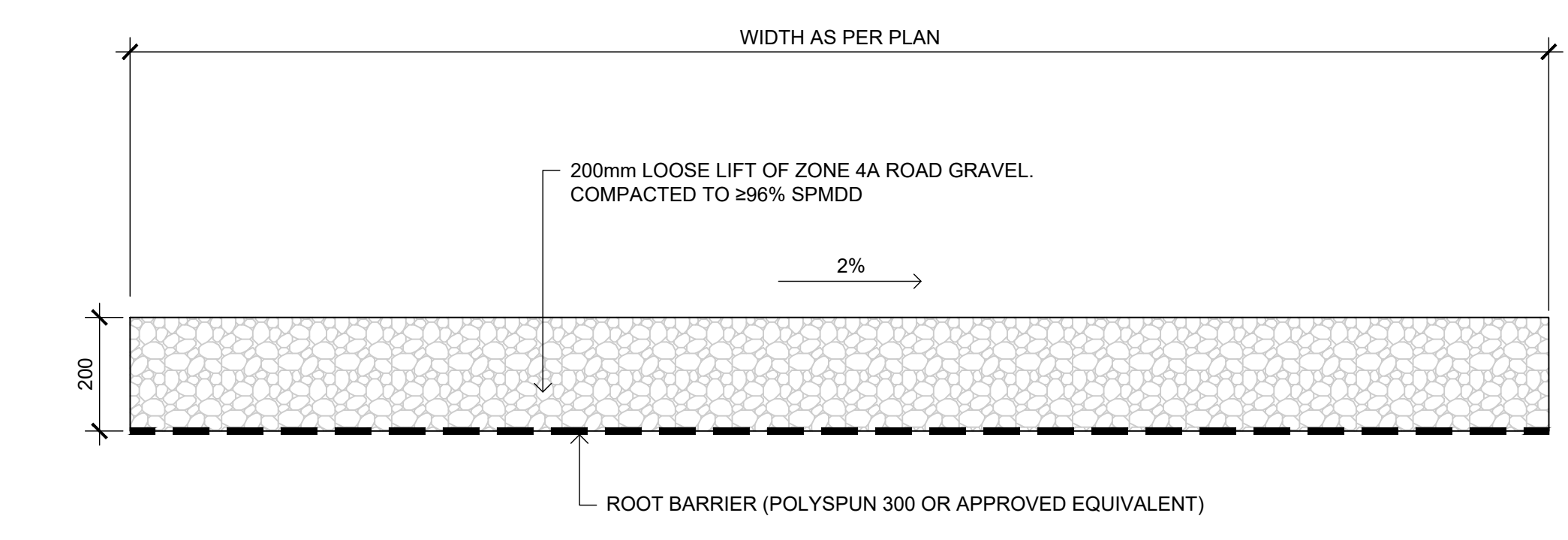
Paper Size = ANSI D
 At Full Size, this border measures 520 mm x 800 mm



A ASPHALT PATHWAY AT TOP OF DIKE
 L-901 SCALE 1:20



B ASPHALT PATHWAY
 L-901 SCALE 1:10



C GRAVEL CONNECTOR TRAIL
 L-901 SCALE 1:10



IBI IBI GROUP
 3rd Floor – 227 11 Avenue SW
 Calgary AB T2R 1R9 Canada
 tel 403 270 5600 fax 403 270 5610
 ibigroup.com

Seal
The Alberta Association of Landscape Architects
 Ernie J Webster

Rev	Date	Des	Dwn	Chk	Description
0	2022-06-29	BB	MD	EJW	ISSUED FOR TENDER
1	2022-07-07	BB	MD	EJW	ISSUED FOR ADDENDUM #1
2	2022-08-11	BB	MD	EJW	ISSUED FOR CONSTRUCTION

Rev	Date	Des	Dwn	Chk	Description

**TOWN OF DRUMHELLER
 MIDLANDS DIKE**

LANDSCAPE DETAILS

Project No. **133142** Drawing No. **L-901** Rev. **2**

Group **LANDSCAPE**