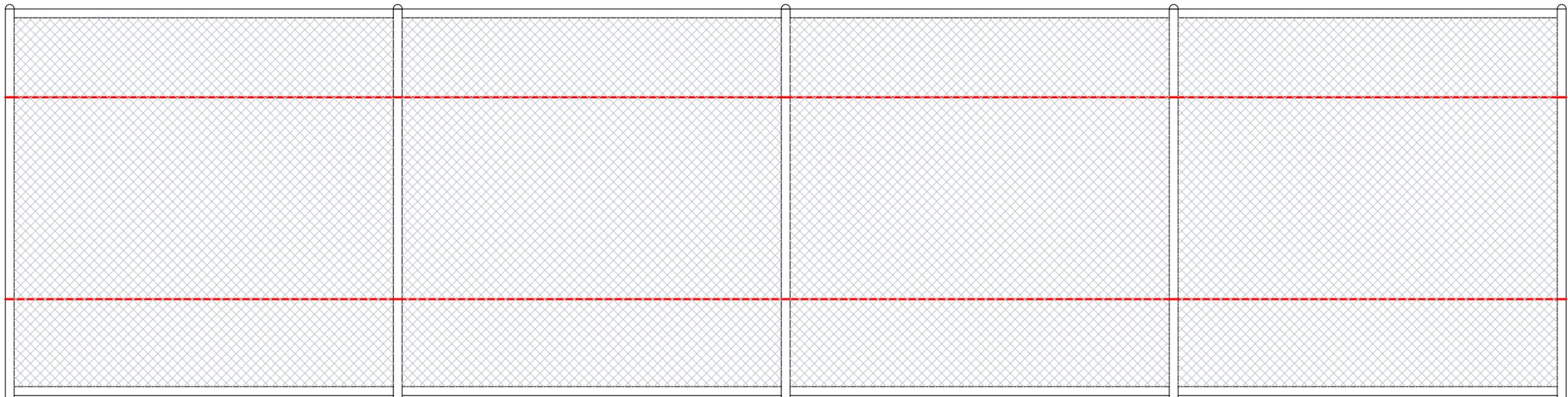
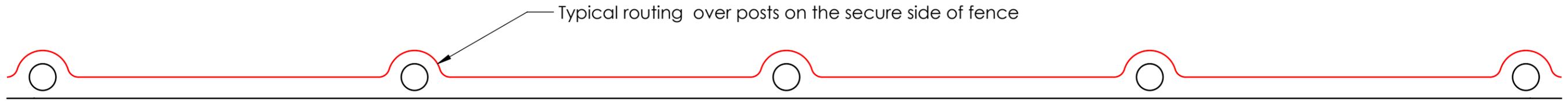


Double Run Sensor, Line Panels



CONFIDENTIAL-LIMITED DISTRIBUTION

NOTES Typical sensor cable installation on a standard chain link fence.

Sensor consists of fiber optic sensing cable in flexible conduit, attached to the fence fabric using stainless steel wire ties with a minimum spacing of 12 inches.

	NAME	DATE	UNLESS OTHERWISE SPECIFIED:
DRAWN			DIMENSIONS ARE IN INCHES
CHECKED			TOLERANCES:
ENG APPR.			FRACTIONAL ±
MFG APPR.			ANGULAR: MACH ± BEND ±
			TWO PLACE DECIMAL ±
			THREE PLACE DECIMAL ±
SIZE	B		DO NOT SCALE DRAWING

TITLE: Double Run Sensor, Line Panels

DWG. NO. DW-ENG-039

REV **A**

SHEET 1 OF 7

PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF FIBER SENSYS INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF FIBER SENSYS INC. IS PROHIBITED.

REDWALL

OPTEX CO., LTD.
5-8-12, Nionohama, Ogoto, Otsu
520-0101 Japan

Double Run Sensor, Line Panels, Zone Overlap

D

D

C

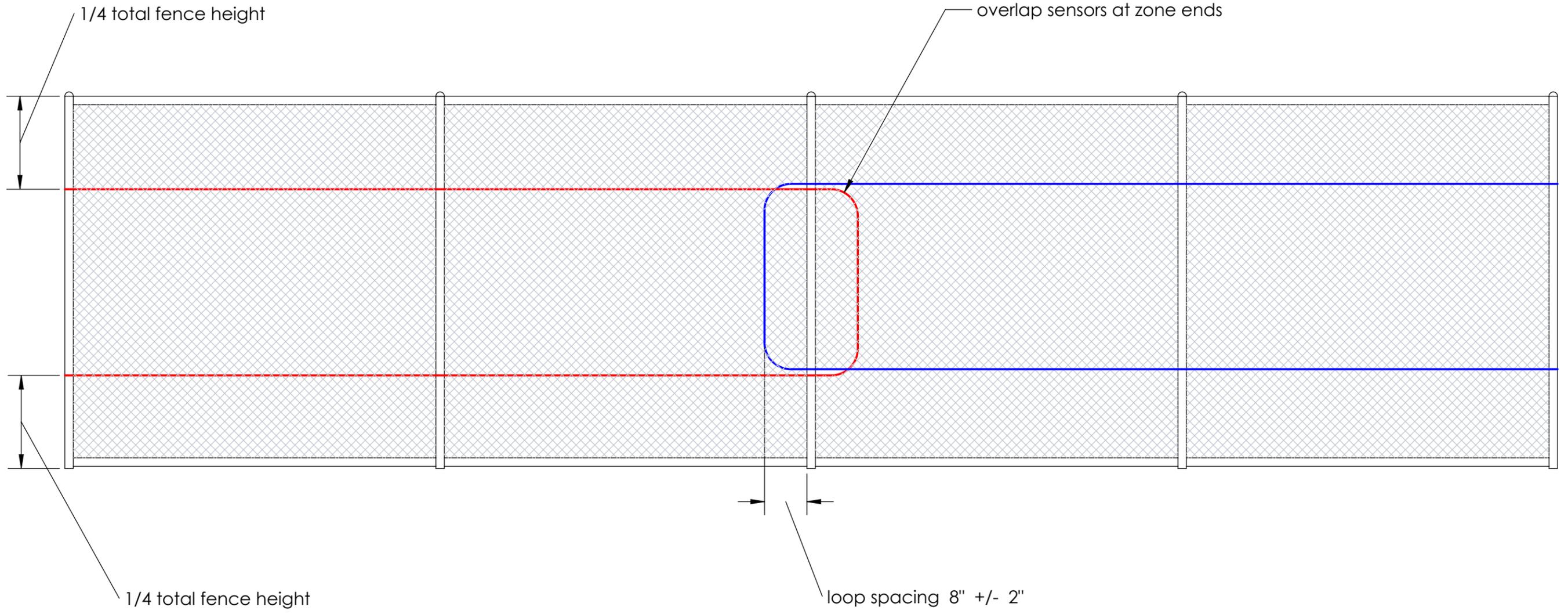
C

B

B

A

A



CONFIDENTIAL-LIMITED DISTRIBUTION

NOTES

Typical sensor cable zone end overlap on a standard chain link fence.
 Sensor consists of fiber optic sensing cable in flexible conduit, attached to the fence fabric using stainless steel wire ties with a minimum spacing of 12 inches.

	NAME	DATE	UNLESS OTHERWISE SPECIFIED:
DRAWN			DIMENSIONS ARE IN INCHES
CHECKED			TOLERANCES:
ENG APPR.			FRACTIONAL ±
MFG APPR.			ANGULAR: MACH ± BEND ±
			TWO PLACE DECIMAL ±
			THREE PLACE DECIMAL ±
SIZE	B		DO NOT SCALE DRAWING

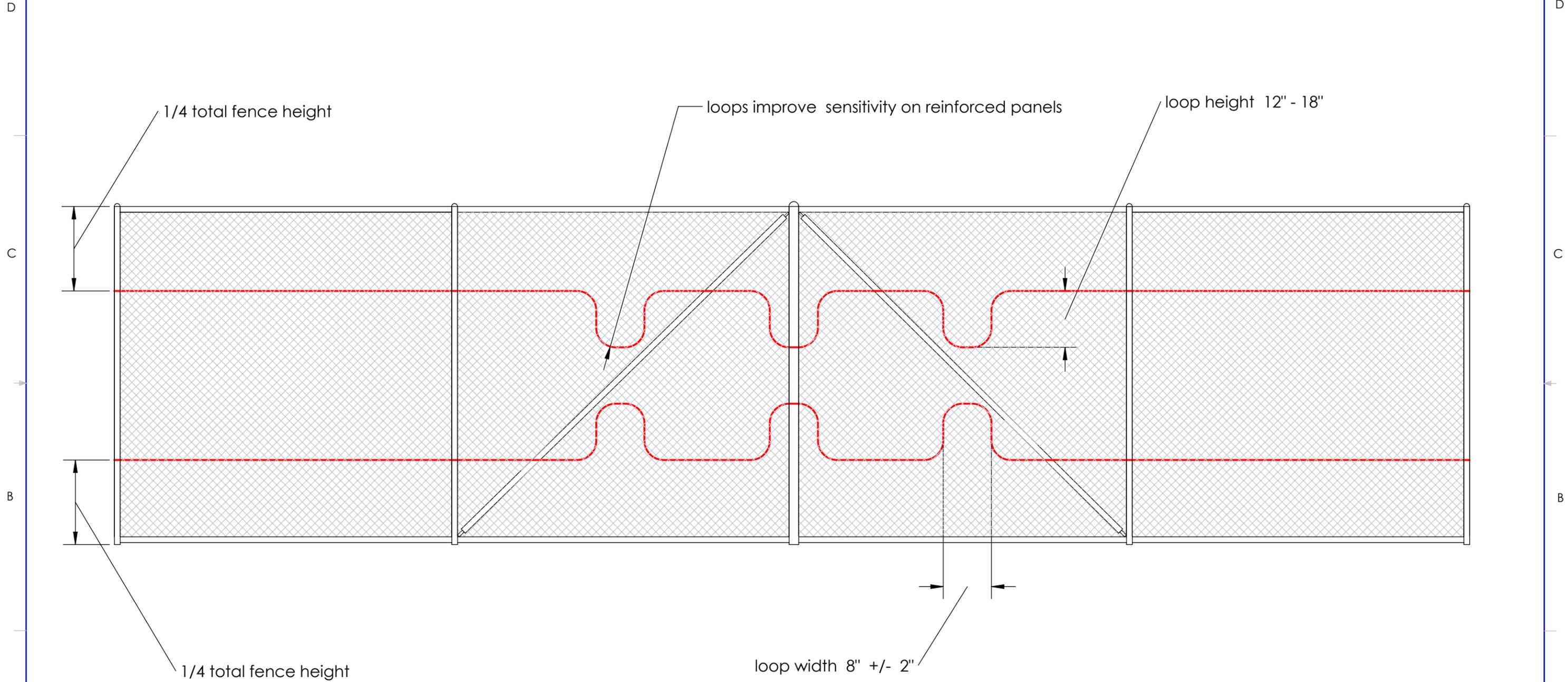
TITLE:	Double Run Sensor, Line Panels, Zone Overlap	
DWG. NO.	DW-ENG-039	
REV	A	
	SHEET 2 OF 7	

PROPRIETARY AND CONFIDENTIAL
 THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF FIBER SENSYS INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF FIBER SENSYS INC. IS PROHIBITED.

REDWALL

OPTEX CO., LTD.
 5-8-12, Nionohama, Ogoto, Otsu
 520-0101 Japan

Double Run Sensor, Reinforced Panel



CONFIDENTIAL-LIMITED DISTRIBUTION

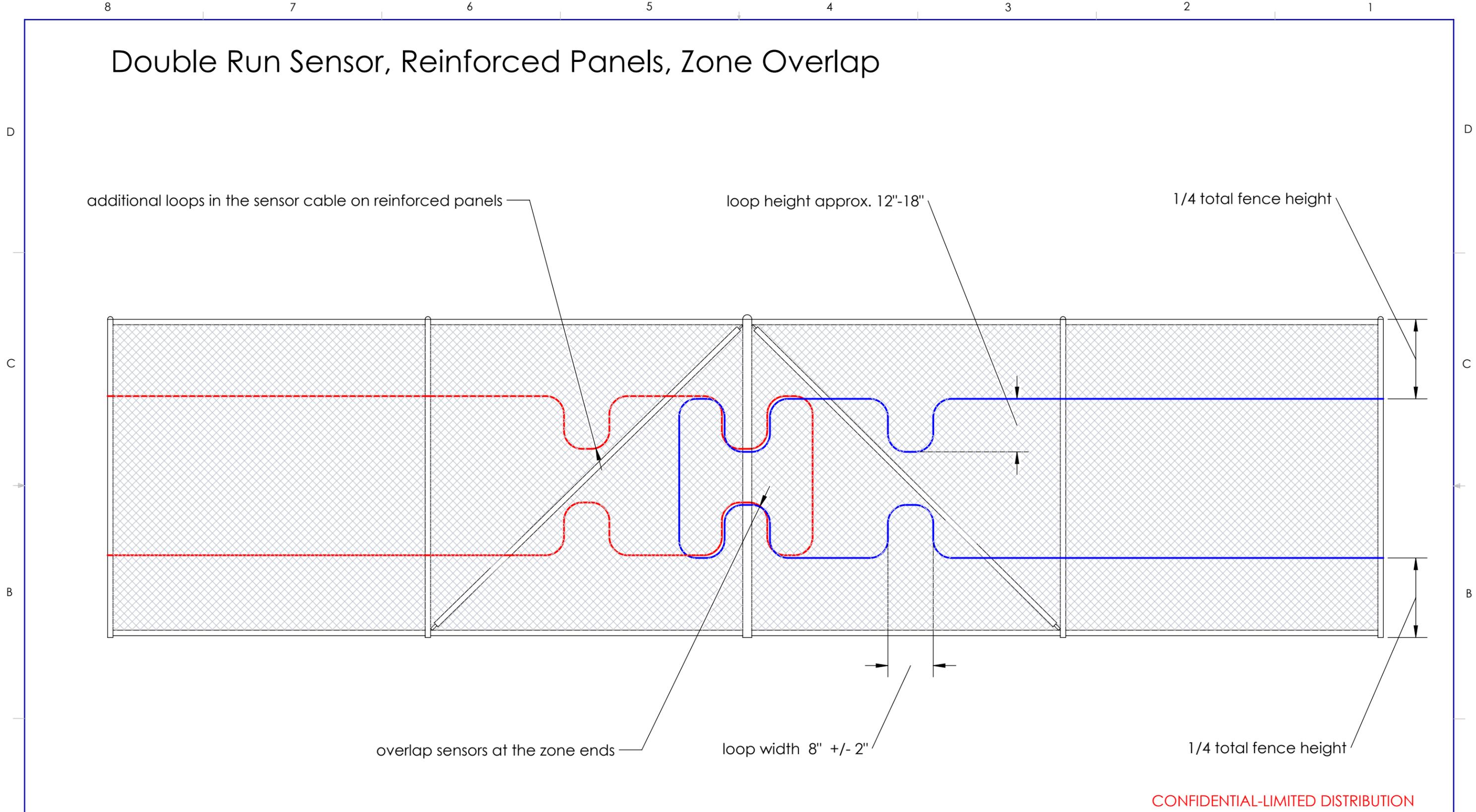
NOTES
 Typical sensor installation with a mid-zone reinforced post.
 Sensor consists of fiber optic sensing cable in flexible conduit, attached to the fence fabric using stainless steel wire ties with a minimum spacing of 12 inches.

	NAME	DATE	UNLESS OTHERWISE SPECIFIED:
DRAWN			DIMENSIONS ARE IN INCHES
CHECKED			TOLERANCES:
ENG APPR.			FRACTIONAL ±
MFG APPR.			ANGULAR: MACH ± BEND ±
			TWO PLACE DECIMAL ±
			THREE PLACE DECIMAL ±
SIZE	B		DO NOT SCALE DRAWING

TITLE:	Double Run Sensor, Reinforced Panel	
DWG. NO.	DW-ENG-039	PROPRIETARY AND CONFIDENTIAL
REV	A	THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF FIBER SENSYS INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF FIBER SENSYS INC. IS PROHIBITED.
	SHEET 3 OF 7	

REDWALL
 OPTEX CO., LTD.
 5-8-12, Nionohama, Ogoto, Otsu
 520-0101 Japan

Double Run Sensor, Reinforced Panels, Zone Overlap



CONFIDENTIAL-LIMITED DISTRIBUTION

NOTES
 Typical sensor installation with reinforced panel at the zone ends, or reinforced corner post at zone ends.

Sensor consists of fiber optic sensing cable in flexible conduit, attached to the fence fabric using stainless steel wire ties with a minimum spacing of 12 inches.

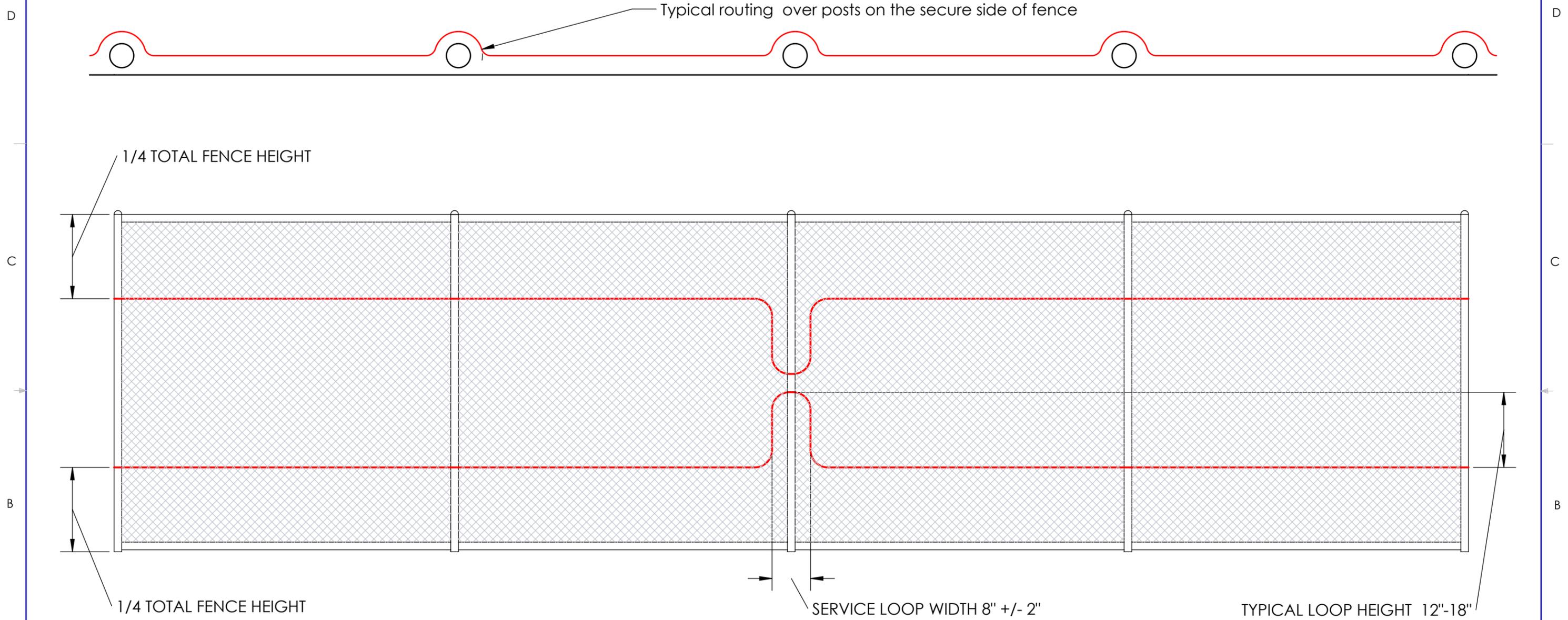
NAME	DATE	UNLESS OTHERWISE SPECIFIED:
DRAWN		DIMENSIONS ARE IN INCHES
CHECKED		TOLERANCES:
ENG APPR.		FRACTIONAL ±
MFG APPR.		ANGULAR: MACH ± BEND ±
		TWO PLACE DECIMAL ±
		THREE PLACE DECIMAL ±
SIZE B		DO NOT SCALE DRAWING

TITLE: Double Run Sensor, Reinforced Panels, Zone Overlap	PROPRIETARY AND CONFIDENTIAL
DWG. NO. DW-ENG-039	THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF FIBER SENSYS INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF FIBER SENSYS INC. IS PROHIBITED.
REV A	
SHEET 4 OF 7	

REDWALL

OPTEX CO., LTD.
 5-8-12, Nionohama, Ogoto, Otsu
 520-0101 Japan

Double Run Sensor, Line Panels, Service Loop



CONFIDENTIAL-LIMITED DISTRIBUTION

NOTES
 Typical sensor service or maintenance loop installation on a standard chain link fence. Service loops are installed in top and bottom pairs, every 45 meters in fence length, and in the middle of zones longer than 90 meters in fence length.
 Sensor consists of fiber optic sensing cable in flexible conduit, attached to the fence fabric using stainless steel wire ties with a minimum spacing of 12 inches.

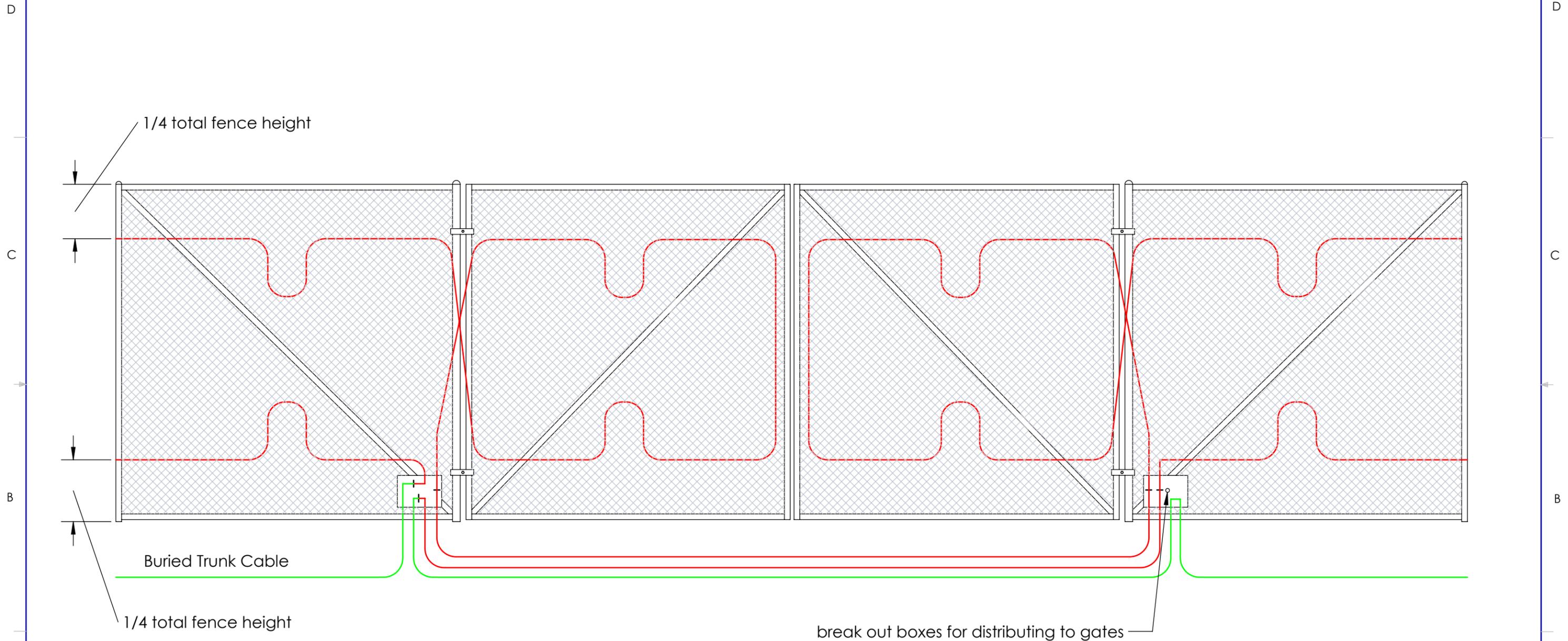
	NAME	DATE	UNLESS OTHERWISE SPECIFIED:
DRAWN			DIMENSIONS ARE IN INCHES
CHECKED			TOLERANCES:
ENG APPR.			FRACTIONAL ±
MFG APPR.			ANGULAR: MACH ± BEND ±
			TWO PLACE DECIMAL ±
			THREE PLACE DECIMAL ±
SIZE	B		DO NOT SCALE DRAWING

TITLE: Double Run Sensor, Line Panels, Service Loop	
DWG. NO. DW-ENG-039	PROPRIETARY AND CONFIDENTIAL
REV A	THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF FIBER SENSYS INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF FIBER SENSYS INC. IS PROHIBITED.
SHEET 5 OF 7	

REDWALL

OPTEX CO., LTD.
 5-8-12, Nionohama, Ogoto, Otsu
 520-0101 Japan

Double Run Sensor, Double Leaf Swing Gate

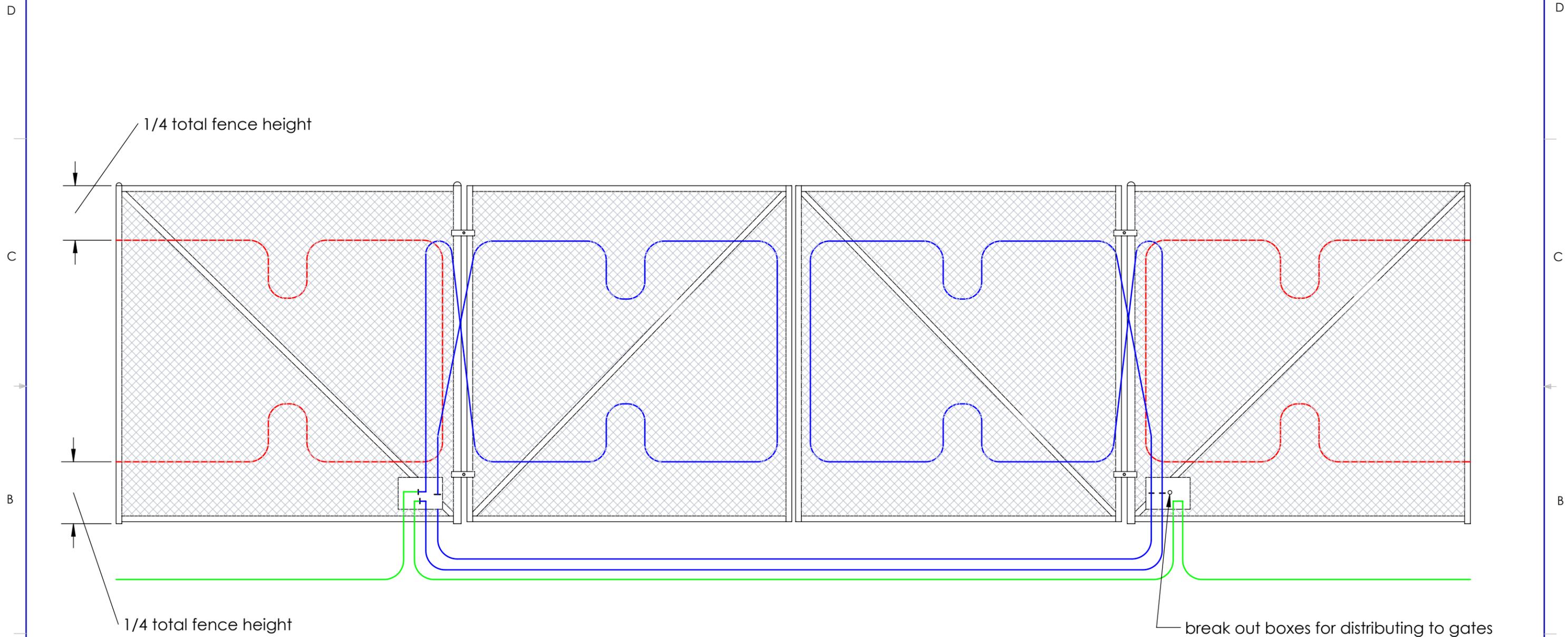


CONFIDENTIAL-LIMITED DISTRIBUTION

NOTES
 Typical sensor installation on a double swinging gate included in a single zone. Note the buried link from one side gate to the other.
 Sensor consists of fiber optic sensing cable in flexible conduit, attached to the fence fabric using stainless steel wire ties with a minimum spacing of 12 inches.

DRAWN	NAME	DATE	UNLESS OTHERWISE SPECIFIED:	TITLE: Double Run Sensor, Double Leaf Swing Gate	<p>REDWALL</p> <p>OPTEX CO., LTD. 5-8-12, Nionohama, Ogoto, Otsu 520-0101 Japan</p>
	CHECKED		DIMENSIONS ARE IN INCHES	DWG. NO. DW-ENG-039	
	ENG APPR.		TOLERANCES:	REV A	
	MFG APPR.		FRACTIONAL ±		
SIZE B			ANGULAR: MACH ± BEND ±	PROPRIETARY AND CONFIDENTIAL	
			TWO PLACE DECIMAL ±	THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF FIBER SENSYS INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF FIBER SENSYS INC. IS PROHIBITED.	
			THREE PLACE DECIMAL ±		
			DO NOT SCALE DRAWING	SHEET 6 OF 7	

Double Run Sensor, Double Leaf Swing Gate, Isolated Gate Zone



CONFIDENTIAL-LIMITED DISTRIBUTION

NOTES Typical sensor installation on a double swinging gate zone. Note the buried link from one side gate to the other.

Sensor consists of fiber optic sensing cable in flexible conduit, attached to the fence fabric using stainless steel wire ties with a minimum spacing of 12 inches.

	NAME	DATE	UNLESS OTHERWISE SPECIFIED:
DRAWN			DIMENSIONS ARE IN INCHES
CHECKED			TOLERANCES:
ENG APPR.			FRACTIONAL ±
MFG APPR.			ANGULAR: MACH ± BEND ±
			TWO PLACE DECIMAL ±
			THREE PLACE DECIMAL ±
SIZE	B		DO NOT SCALE DRAWING

TITLE: Double Run Sensor, Double Leaf Swing Gate Isolated Gate Zone	
DWG. NO. DW-ENG-039	PROPRIETARY AND CONFIDENTIAL
REV A	THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF FIBER SENSYS INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF FIBER SENSYS INC. IS PROHIBITED.
SHEET 7 OF 7	

REDWALL

OPTEX CO., LTD.
5-8-12, Nionohama, Ogoto, Otsu
520-0101 Japan