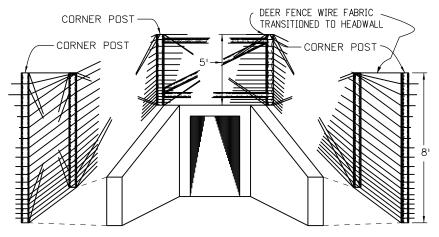


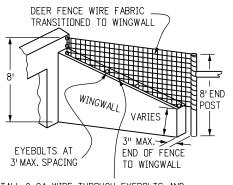


- 1. LOCATIONS OF DEER FENCE IN THE CLEAR ZONE SHALL BE SHOWN IN THE PLANS.
- 2. POSTS WITHIN THE CLEAR ZONE SHALL BE DRILLED.
- 3. DRILL HOLES PERPENDICULAR TO THE ROADWAY.
- 4. KNEE BRACE SHALL BE OMITTED FROM ANY END POST OR CORNER POST WITHIN THE CLEAR ZONE.

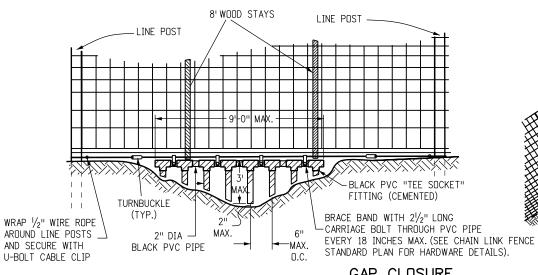


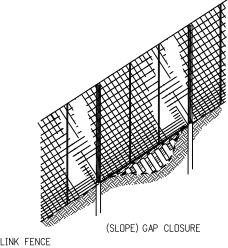
### FENCE DEER OVER CONCRETE BOX CULVERT

FIVE FOOT POSTS AND WIRE FABRIC SHALL BE INSTALLED WHERE THE FENCE PASSES OVER A CBC AT LOCATIONS SHOWN IN THE PLANS. THIS WORK WILL BE PAID FOR AS FENCE DEER (SPECIAL).



INSTALL 9 GA. WIRE THROUGH EYEBOLTS AND ATTACH FENCE FABRIC TO WIRE AT 1 FT. INTERVALS

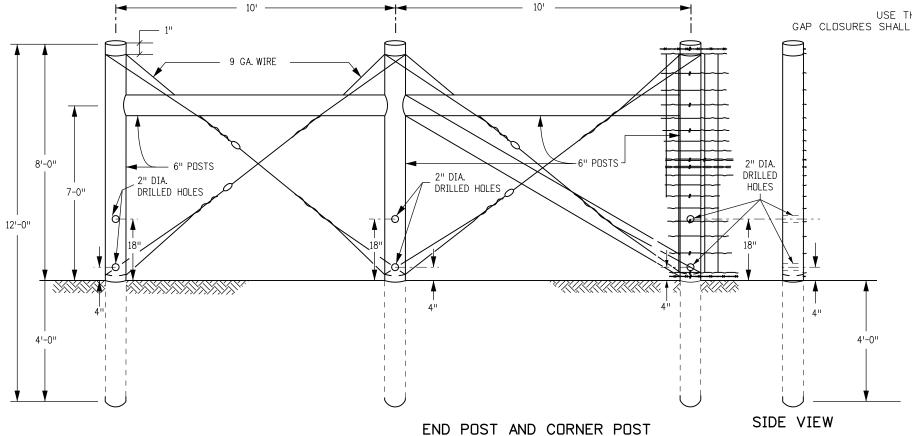




### GAP CLOSURE

USE THIS DETAIL TO CLOSE ALL GAPS BEWTEEN 6 INCHES AND 3 FEET.

GAP CLOSURES SHALL BE INCLUDED IN THE PRICE OF THE FENCE AND NOT BE PAID FOR SEPARATELY.



■ 1 ½" DIA. ■ DRILLED HOLES 4'-0"

> FRONT VIEW SIDE VIEW 5 IN. LINE POST

MODIFIED FOR PLACEMENT WITHIN ROADWAY CLEAR ZONE

Computer File Information	
Creation Date: 07/31/19	
Designer Initials: JBK	
Last Modification Date: 07/13/20	
Detailer Initials: LTA	
CAD Ver.: MicroStation V8 Scale: Not to Scale Units: English	

	Sheet Revisions							
	Date:	Comments						
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# Colorado Department of Transportation



2829 West Howard Place CDOT HQ, 3rd Floor Denver, CD 80204 Phone: 303-757-9021 FAX: 303-757-9868 JBK

Project Development Branch

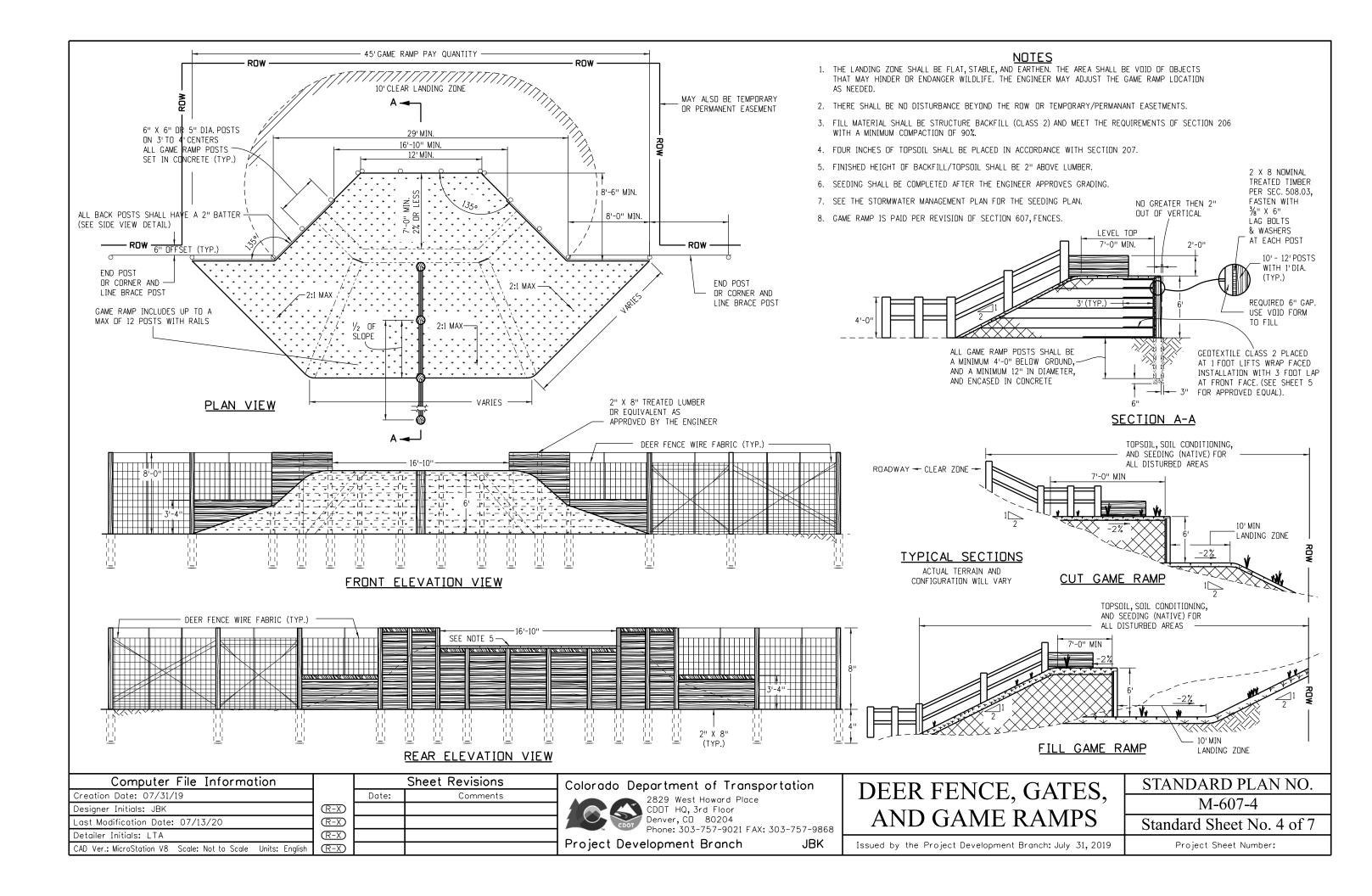
# DEER FENCE, GATES, AND GAME RAMPS

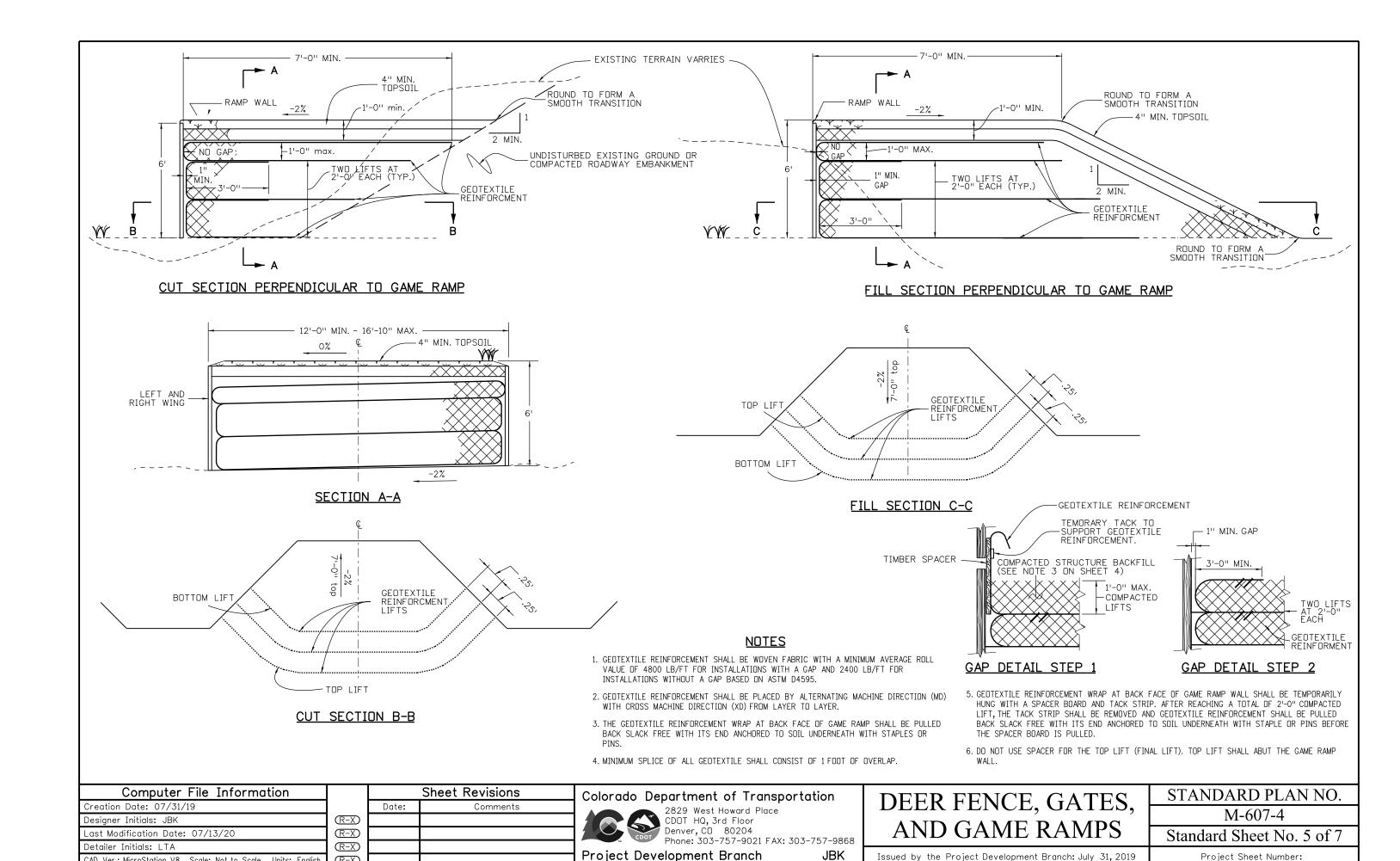
M-607-4Standard Sheet No. 3 of 7

STANDARD PLAN NO.

Issued by the Project Development Branch: July 31, 2019

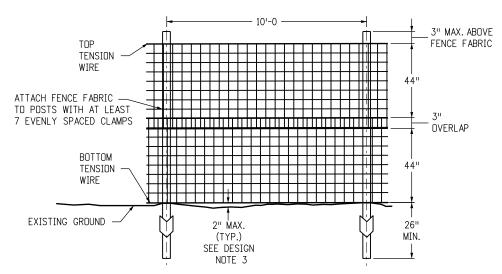
Project Sheet Number:





CAD Ver.: MicroStation V8 Scale: Not to Scale Units: English

(R-X)



#### ALTERNATIVE DEER FENCE

#### **DESIGN NOTES:**

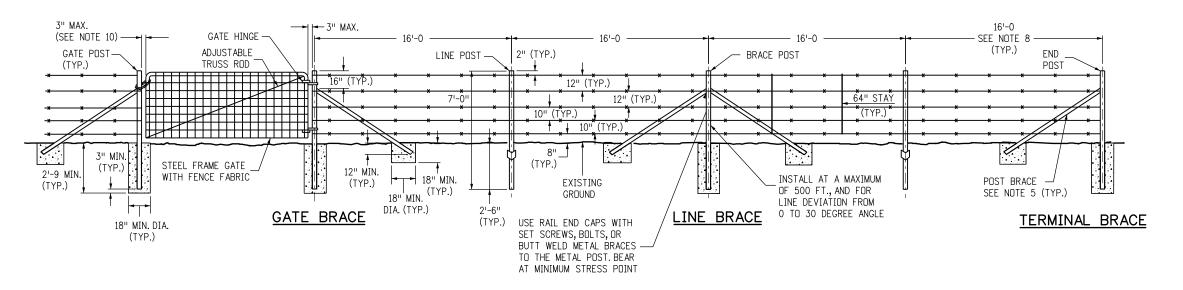
- 1. INSTALL A 4 FT. GATE ADJACENT TO ANIMAL CROSSING STRUCTURES.
- 2. A 3 INCH MIN. OVERLAP IS REQUIRED PLUS TIES OR CLAMPS TOGETHER EVERY 18 INCHES USING HOG RINGS OR OTHER TYPES OF TIES OR CLAMPS.
- 3. PLACE A BOTTOM TENSION WIRE AND FENCE FABRIC AT EXISTING GROUND AT POSTS AND WITHIN 2 INCHES OF EXISTING GROUND BETWEEN POSTS.
- 4. TIE OR CLAMP BOTTOM AND TOP TENSION WIRE TO FENCE FABRICS EVERY 24 INCHES USING HOG RINGS OR OTHER TYPES OF TIES OR CLAMPS.

5. A SINGLE FENCE FABRIC MAY BE USED IF IT MEETS OVERALL MINIMUM DIMENSIONS.

#### NOTES

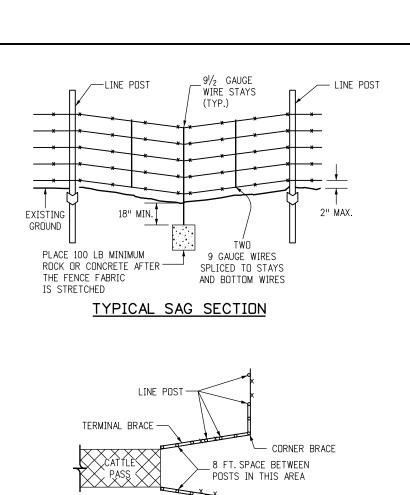
- 1. SET GATE POST, BRACE POST, END POST, CORNER POST, AND POST BRACE IN CLASS "B" CONCRETE. SEE SHEET 7 FOR CORNER BRACE.
- 2. LINE POSTS
- A. "T", "Y", OR "U" STEEL CHANNEL SECTIONS, MINIMUM WEIGHT 1.33 LB/FT OF LENGTH OR STEEL PIPE, 1.900 INCH OUTSIDE DIAMETER SCHEDULE 40 PIPE, WEIGHT 2.72 LB/FT OF LENGTH OR HIGH TENSILE TRIPLE COATED STEEL PIPE, WEIGHT 2.23 LB/FT OF LENGTH.
- B. LINE POSTS ARE 10 FEET IN LENGTH.
- 3. BRACE POSTS, CORNER POSTS, AND END POSTS
- A. STEEL PIPE 2.375 INCH OUTSIDE DIAMETER, WEIGHT 3.65 LB/FT OR HIGH TENSILE TRIPLE COATED STEEL, 2.375 INCH DUTSIDE DIAMETER WEIGHT 3.11 LB/FT.
- 4. GATE POSTS
- A. GATE WIDTHS 6 FEET AND LESS USE STEEL PIPE WITH OUTSIDE DIAMETER 2.375 INCH AND WEIGHT 3.65 LB/FT OR HIGH TENSILE TRIPLE COATED STEEL, 2.375 INCH OUTSIDE DIAMETER WEIGHT 3.11 LB/FT.
- B. GATE WIDTHS GREATER THAN 6 FEET USE STEEL PIPE WITH OUTSIDE DIAMETER 3.50 INCH AND WEIGHT 7.58 LB/FT.
- 5. POST BRACES TO MATCH POST TYPE AND SIZE.
- 6. USE CORNER BRACE ON FENCE LINE DEVIATIONS GREATER THAN A 17 DEGREE ANGLE. SEE SHEET 7 FOR CORNER BRACE DETAILS.
- 7. TERMINATE FENCE FABRIC AND BARBED WIRE AT EACH CORNER POST.
- 8. USE 10 FEET SPACING IN AREAS OF FARM ANIMAL USE OR AS SHOWN.
- 9. GATE FRAME USE STEEL PIPE 1.875 INCH DUTSIDE DIAMETER WITH WEIGHT OF 2.72 LB/FT.
- 10. WHERE DOUBLE GATES ARE INSTALLED PROVIDE AT LEAST A 4 INCH GAP BETWEEN GATE FRAMES TO ALLOW FOR LATCH.

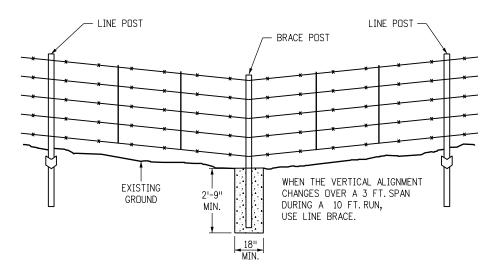
11. THE GALVANIZED POSTS SHALL BE STAINED FOREST SERVICE BROWN WHEN REQUIRED PER THE AEROSPACE MATERIAL SPECIFICATION STANDARD AMS 595A 20059.



# ALTERNATIVE DEER FENCE INSTALLATION WITH ONLY METAL POSTS

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· <del>4</del>
No. 6 of 7
umber:

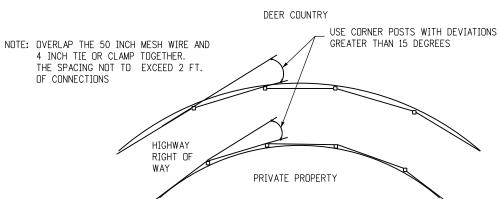




# CORNER POST (TYP.) 18" EXISTING → DIA. GROUND MIN. (TYP.) CONCRETE (TYP.) 18" DIA.

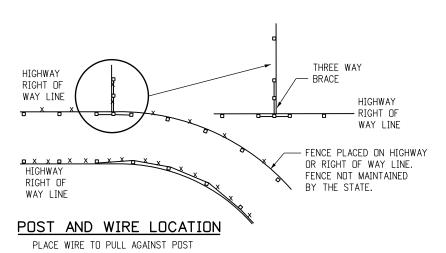
## TYPICAL VERTICAL ALIGNMENT CHANGE

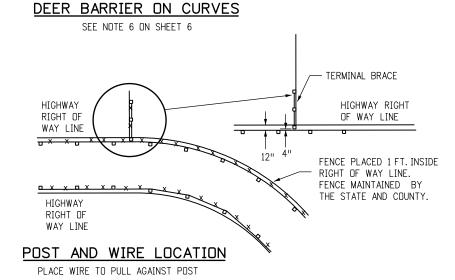
INSTALLATION WITH METAL POSTS (TYP.)



### CORNER BRACE SEE NOTE 6 ON SHEET 6

### CATTLE PASS FENCE DETAIL





# ALTERNATIVE DEER FENCE INSTALLATION WITH ONLY METAL POSTS

Computer File Information	(R-X) (R-X)		Sheet Revisions	c	Colorado Department of Transportation		DEED EENICE CATES	STANDARD PLAN NO.
Creation Date: 07/31/19		Date:	Comments		2829 West Howard Place	•	DEER FENCE, GATES,	M-607-4
Designer Initials: JBK		07/13/20	Added this sheet.		CDOT HQ, 3rd Floor			171-00 / -4
Last Modification Date: 07/13/20					Denver, CO 80204 Phone: 303-757-9021 FAX: 303-757-9868	AND GAME RAMPS	Standard Sheet No. 7 of 7	
Detailer Initials: LTA	$\mathbb{R}$ -X			— г.		JBK		5
CAD Ver.: MicroStation V8 Scale: Not to Scale Units: English	(R-X)			Pr	Project Development Branch	JDN	Issued by the Project Development Branch: July 31, 2019	Project Sheet Number: