

1

2

3

4

5

6

D

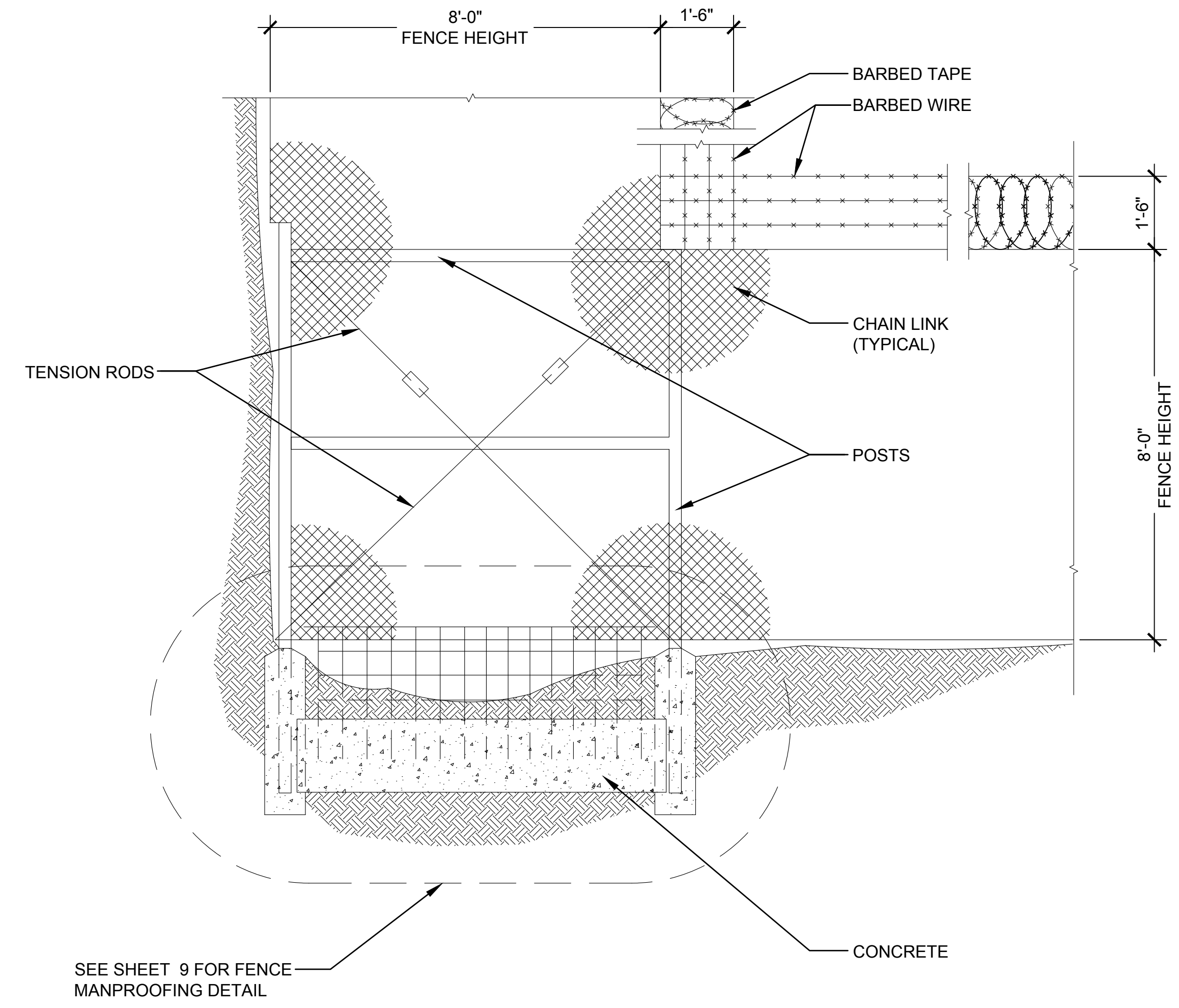
C

B

A

**GENERAL NOTES:**

- 1. IF THIS SHEET IS NOT 24"X36" USE GRAPHIC SCALE ACCORDINGLY.



DRAWING DEVELOPED FOR ML-3/ML-4 PROJECTS. FOR ML-1/ML-2, ADDITIONAL REQUIREMENTS AND QA REVIEWS ARE REQUIRED. (REMOVE THIS NOTE WHEN INSERTED INTO A DRAWING PACKAGE)

**X**  
C-XXXX **BOTTOM OF EMBANKMENT DETAIL**  
SCALE: NONE

**NOTES FOR DESIGNER:** (DO NOT INCLUDE ON CONSTRUCTION DRAWINGS)

1. EDIT THE FENCE DETAIL IN CONSULTATION WITH LANL PHYSICAL SECURITY TEAM TO SUIT PROJECT, FIELD CONDITIONS, BARBED WIRE OR BARBED TAPE, AND NUMBER OF BARBED WIRE STRANDS.
2. REFER TO LANL MASTER SPECIFICATION 32 3113, CHAIN LINK FENCES AND GATES, FOR ADDITIONAL FENCE HEIGHT, FABRIC GAGE, WIRE TIES, AND FENCE TOPPING REQUIREMENTS.
3. SECURITY FENCE (FABRIC) HEIGHT SHALL BE DETERMINED BY LANL PHYSICAL SECURITY TO REFLECT IF THE PROJECT IS FOR PROTECTING A LIMITED AREA OR HIGH SECURITY AREA.
4. DESIGNS FOR HEIGHTS EXCEEDING 16 FEET SHALL BE REVIEWED BY A STRUCTURAL ENGINEER.

NO	DATE	CLASS REV	DC	DESCRIPTION	DWN	DSGN	CHKD	SUB	APP
4	08/18/2016	UNCLASS	EJS	ADMIN CHANGES TO NEW FORMAT CAD STD REVRS. MINOR DESIGN CHANGES	EJS	MS	MS	CJRR	TO
3	01/28/2014	U		GENERAL REVISION / CHANGED RAZOR RIBBON TO BARBED TAPE	KT	MS	JG	RT	TO
2	02/22/2005	U	DY	REVISED TO COMPLY WITH DRAFTING MANUAL. DWG # WAS ST3831. REVISED ADTS - ENGINEERING LOGO. CHANGED RAZOR RIBBON TO BARBED TAPE	RP	EH	JS	EH	TO
1	04/11/2001	U	TO	DELETED CONCRETE SPEC. SHEET 8 OF 9 WAS 8 OF 14, ADDED TEXT "FENCE HEIGHT"	RP	EH	CS	JC	TO

**ENGINEERING STANDARDS**

**CIVIL**

**SECURITY FENCE**  
**BOTTOM OF EMBANKMENT** BLDG XXXX

TA- XX

DRAWN: R. PEARSON  
DESIGN: E. HOTH  
CHECKED: C. SANCHEZ  
DATE: 11-9-98

SUBMITTED DISCIPLINE POC: EDWARD HOTH APPROVED FOR RELEASE STANDARDS MANAGER: TOBIN ORUCH

Los Alamos NATIONAL LABORATORY P.O. Box 1663 Los Alamos, New Mexico 87545

D.C.: UNCLASSIFIED REVIEWER: LARRY BAYS DATE: PROJECT ID: DRAWING NO: REV

**CHAPTER 3** **ST-G2040-1.8** **8** OF **9** **4**

00% REVIEW  
NOT FOR CONSTRUCTION