



**GENERAL NOTE:**

- WHERE FENCE CROSSES CULVERTS, FABRICATE A SECURITY GRILLE AND WELD TO UPSTREAM END OF CULVERT WITH SAME MATERIAL AND BAR SPACING AS MANPROOFING DETAIL.

**FENCE MANPROOFING DETAIL**  
SCALE: NONE

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

- SEE SHEET 1.

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).

2	2-22-05	U	DY	REVISED TO COMPLY WITH DRAFTING MANUAL, DWG. NO. 1845 ST2001 REVISED AOTS - ENGINEERING LOGO.	RP	EH	JS	EH	TO
1	4-11-01	U		SHEET 8 OF 9 WAS 8 OF 14, HORIZONTAL RODS WERE 12" O/C.	RP	EH	CS	JC	TO
NO	DATE	CLASS	REV	DESCRIPTION	OWN	DSGN	CHKD	SUB	APP

**ENGINEERING STANDARDS PROGRAM**

**ENGINEERING STANDARDS MANUAL**

SECURITY FENCE  
FENCE MANPROOFING

BLDG X TA-X DATE 11-9-98

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

**Los Alamos NATIONAL LABORATORY** PO Box 1663 Los Alamos, New Mexico 87545

CLASSIFICATION: U REVIEWER: LARRY BAYS DATE: 9 OF 9

PROJECT ID: **CHAPTER 3** DRAWING NO: **ST-G2040-1** REV: **2**

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