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D

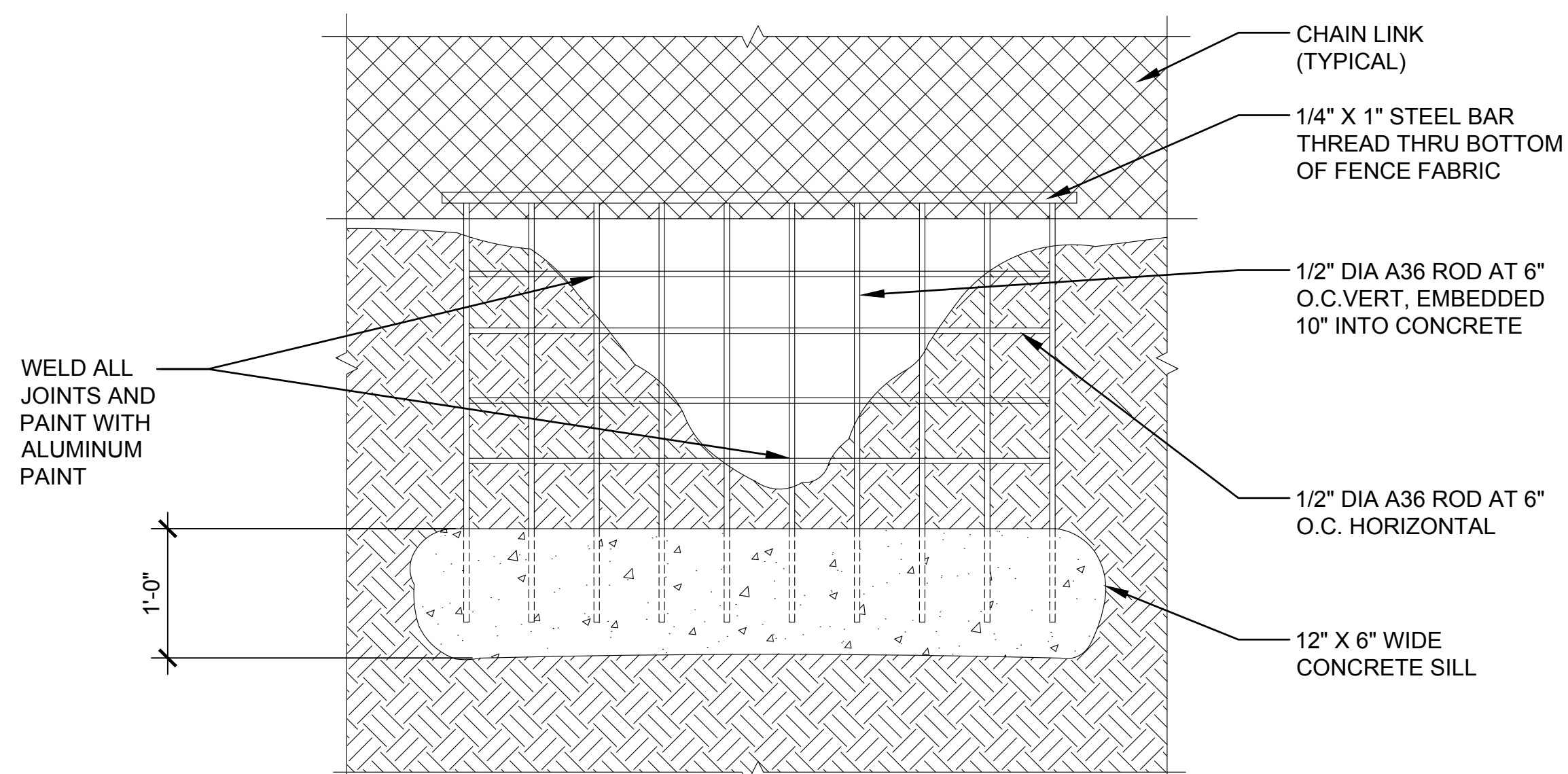
C

B

A

GENERAL NOTES:

1. IF THIS SHEET IS NOT 24" X 36" USE GRAPHIC SCALE ACCORDINGLY
2. WHERE FENCE CROSSES CULVERTS, FABRICATE A SECURITY GRILLE AND WELD TO UPSTREAM END OF CULVERT WITH SAME MATERIAL AND BAR SPACING AS MANPROOFING DETAIL.



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
FENCE MANPROOFING DETAIL
C-XXXX 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 REV#5. MINOR DESIGN CHANGES	EJS	MS	MS	CJRR	TO
3	01/28/2014	U		GENERAL REVISION	KT	MS	JG	RT	TO
2	02/22/2005	U	DY	CORRECTED GENERAL NOTE #1	RP	EH	JS	EH	TO
1	04/11/2001	U	TO	ADDED GENERAL NOTES 2 & 4, SIGN TYPICAL EACH SPACE & MOTORCYCLE PARKING.	RP	EH	CS	JC	TO

ENGINEERING STANDARDS

CIVIL		DRAWN	R.PEARSON
SECURITY FENCE FENCE MANPROOFING		DESIGN	C.TRASK
		CHECKED	C.ROMERO
TA- XX		DATE	8-18-04

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

SHEET **9**
9 OF **9**

D.C.: UNCLASSIFIED
PROJECT ID: **CHAPTER 3**
REVIEWER: LARRY BAYS
DRAWING NO: **ST-G2040-1.9**
DATE:
REV **4**

00% REVIEW
NOT FOR CONSTRUCTION