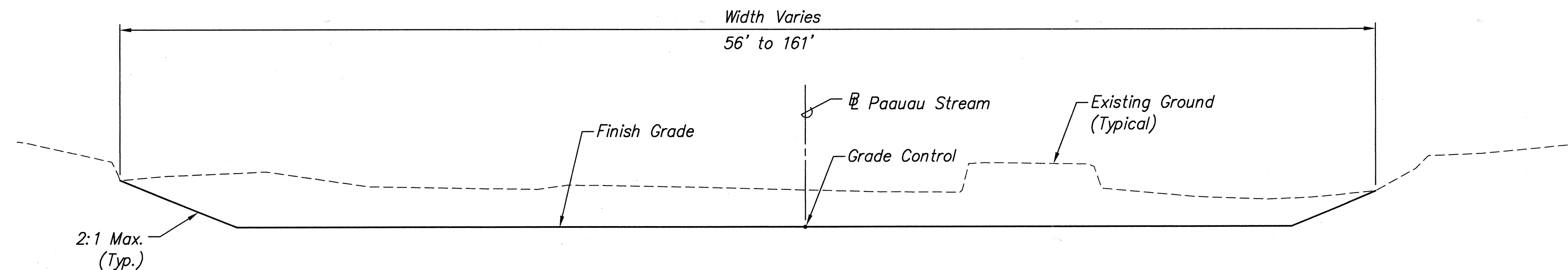
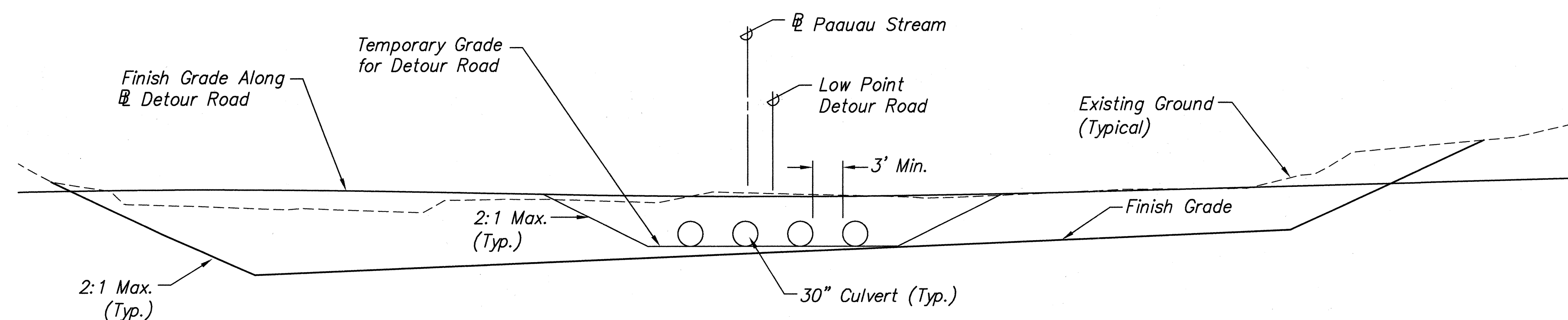


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ER-12(3)	2002	15	107



Typical Section - Paauau Stream

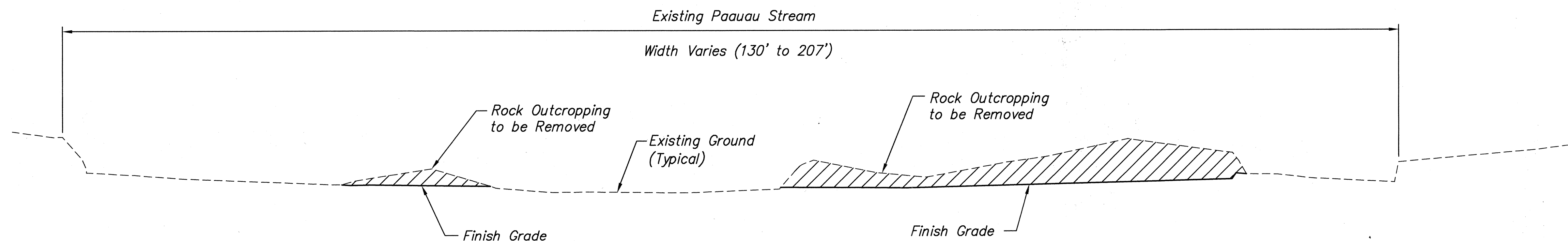
Scale: 1/8"=1'-0"



Typical Section - Paauau Stream

(at Detour Road)

Scale: 1/8"=1'-0"



Typical Section - Paauau Stream

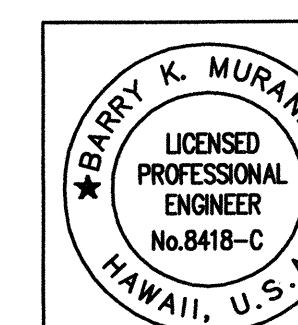
(Rock Outcropping Removal)

Scale: 1/8"=1'-0"

GRAPHIC SCALE:



SCALE: 1/8" = 1'-0"



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL ROAD SECTIONS

MAMALAHOA HIGHWAY
EMERGENCY REPLACEMENT OF PAAUUA STREAM BRIDGE,
IMPROVEMENTS AT KAMANI STREET, AND
REHABILITATION OF VARIOUS BRIDGES
FEDERAL AID PROJECT NO. ER-12(3)

Scale: As shown Date: Jan. 2002

SHEET NO. 3 OF 3 SHEETS

P.M.: BKM
CURRENT OPR: mkf
PREV. OPR:
CURRENT TIME: Mar 25, 2002 - 5:49pm
LAST SAVED BY: rki
LAST MODIFIED: Mon, 07 Jan 2002 - 11:26am

PREFIX: G:\Kai00-01\ACAD\
FILE: KAI0060.dwg
BEGIN: 12/26/00
SCALE: 1=1

DATE	SURVEY PLOTTED BY	DATE
	DRAWN BY	
	TRACED BY	
	DESIGNED BY	
	CHECKED BY	
	NOTED BY	
	NO.	