

A circular professional engineer seal. The outer ring contains the text "KEITH K. NIWA" at the top and "HAWAII, U.S.A." at the bottom, separated by two stars. The inner circle contains the text "LICENSED PROFESSIONAL ENGINEER" and "No. 8226-C".

EXP. 4/30/12

Keith K. Niwa

This work was prepared by me or under my supervision and
construction of this project will be under my observation.

Supervision of construction as defined in Chapter 16-115
and Chapter 1 Definitions of the Hawaii Administrative Rules
Professional Engineers, Architects, Surveyors, and

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CURB RAMP PLAN

LILIHA STREET
TRAFFIC SIGNAL AT KUKUI STREET
FEDERAL AID PROJECT NO. HSIP-7413(2)

Scale: As Noted

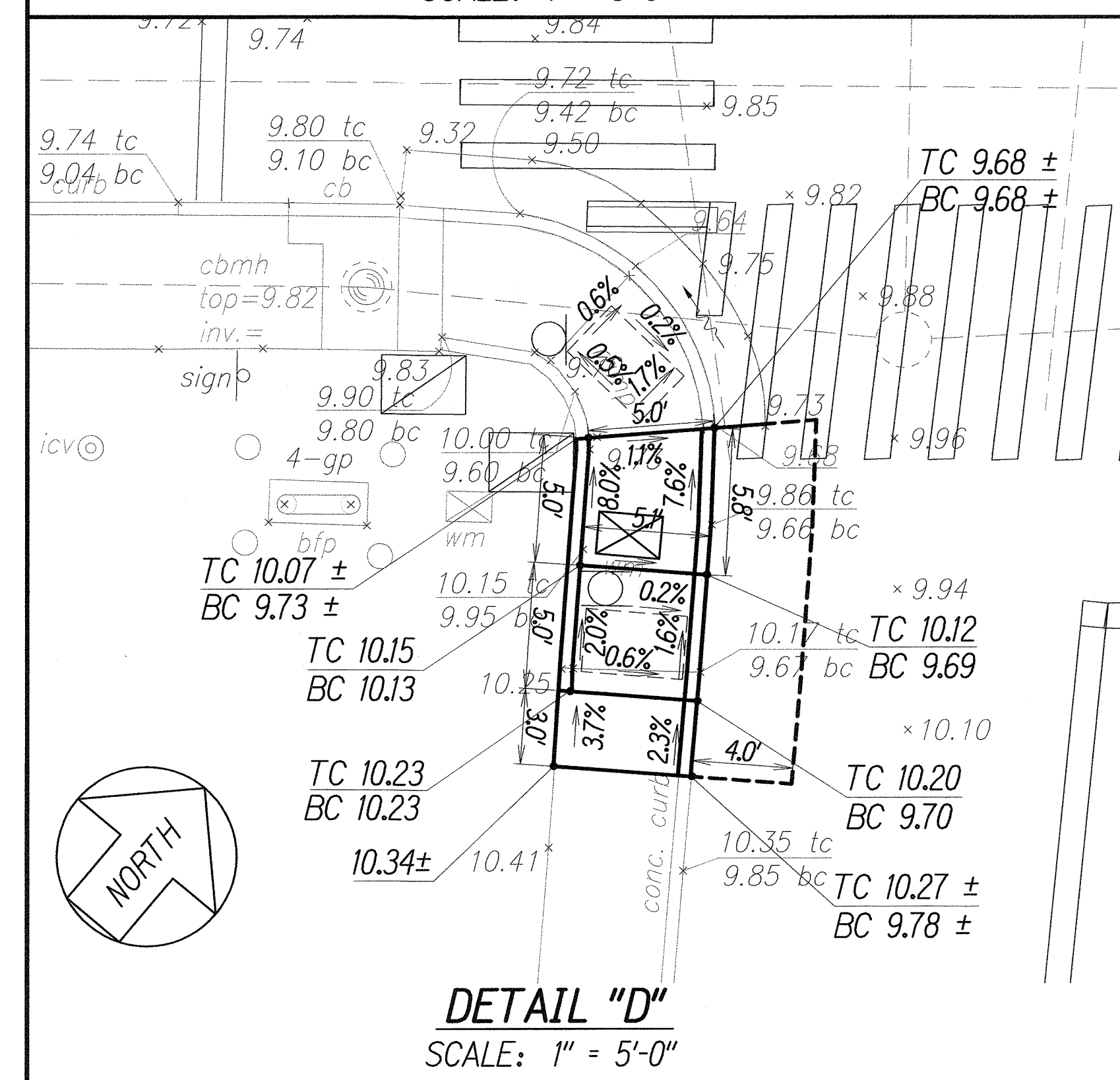
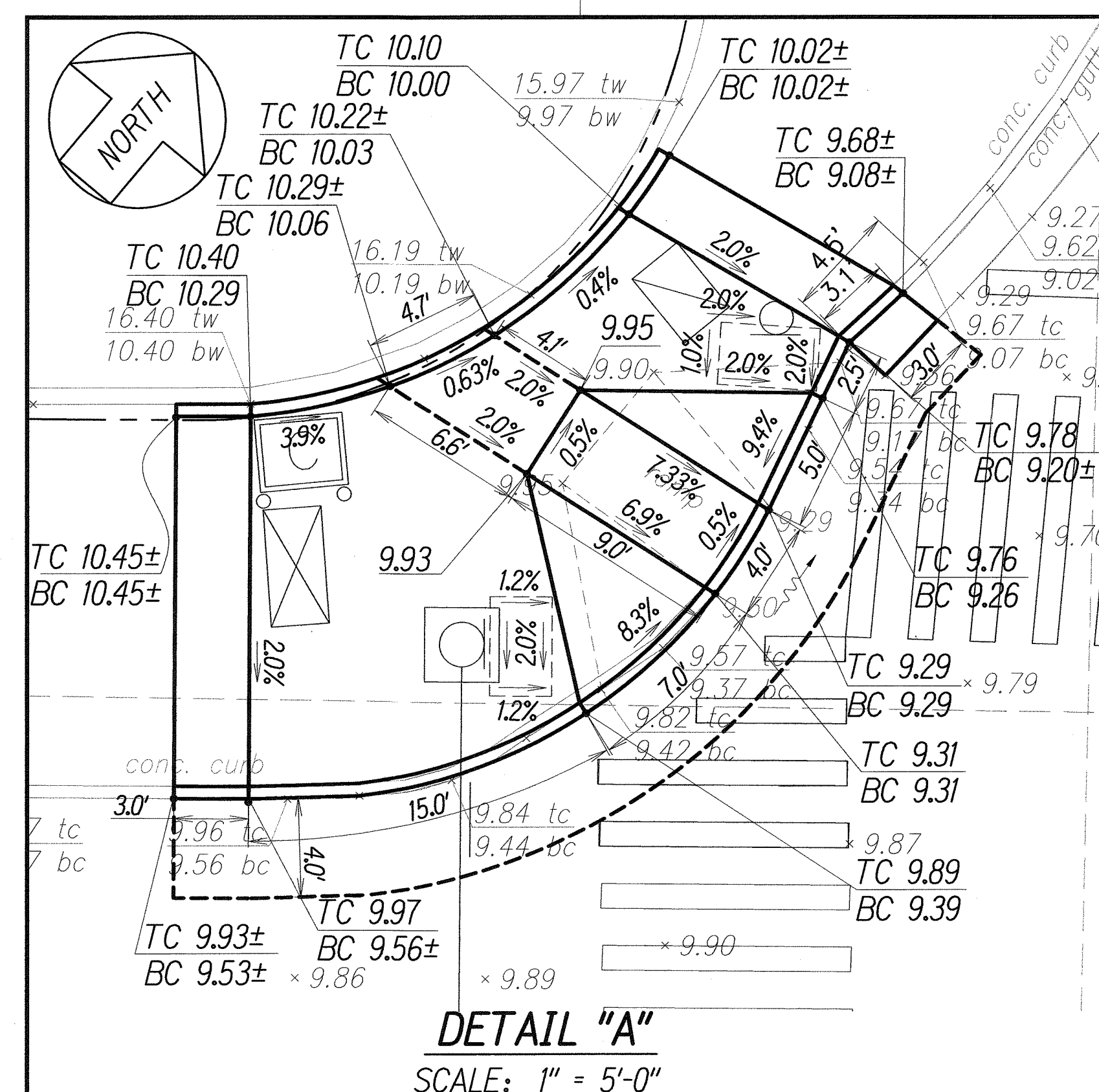
Date: July 2011

CURB RAMP PLAN

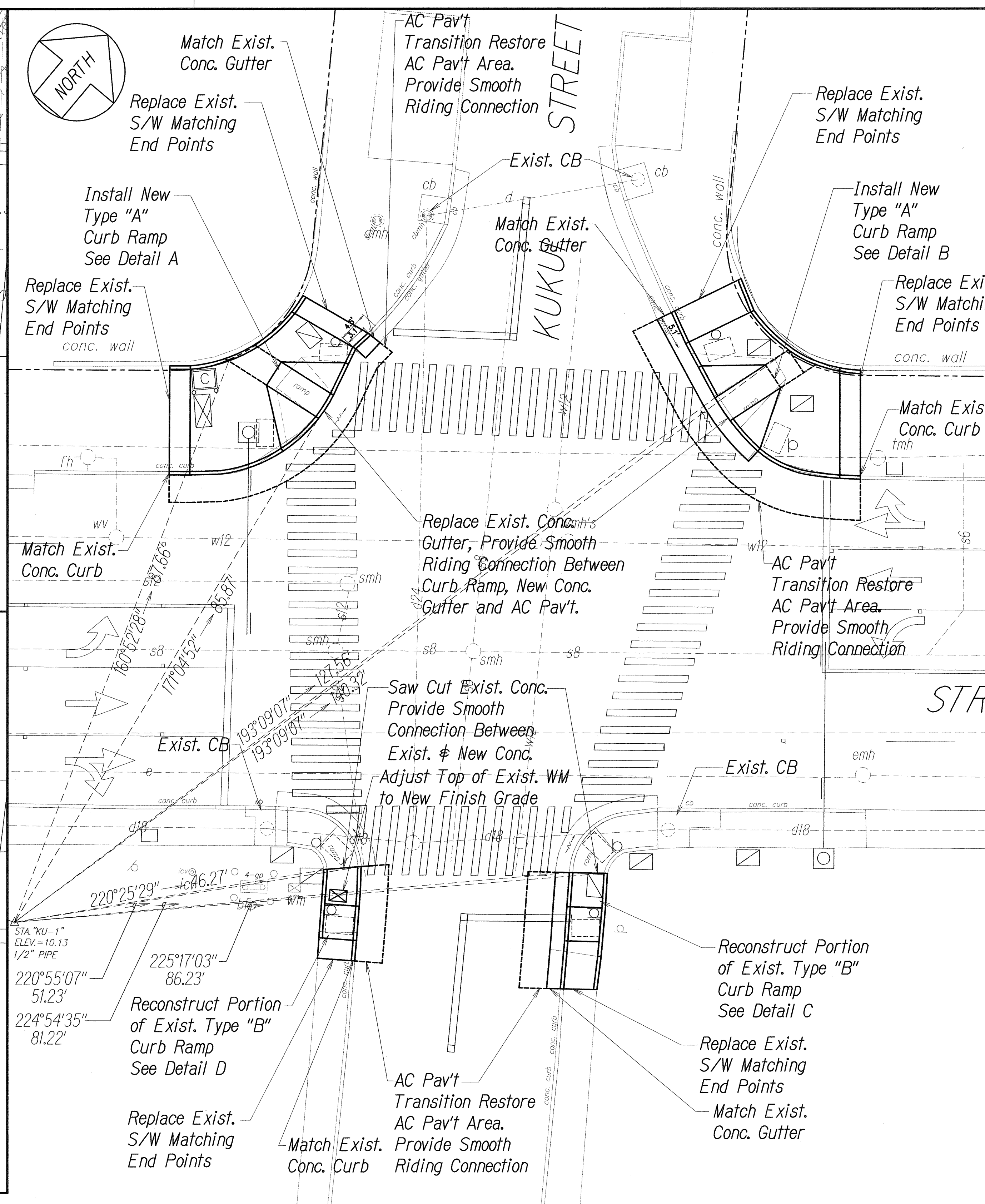
Scale: As Noted Date: July 2011

SHEET No. 7 OF 29 SHEETS

ADD. 7



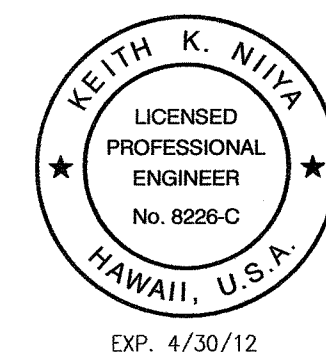
1. See sheets 9 to 11 & 20 for curb ramp and miscellaneous details. 
2. For ADA curb ramp compliance, the maximum curb ramp/transition slopes shown on the curb ramp typical details shall govern over the curb ramp calculated slopes shown on the plans. The construction tolerances for ADA curb ramp sloped provided in the SP section for curb ramps, will be applied, as applicable, to the maximum slope requirements reflected on this project's curb ramp typical detail(s).
3. Add tactile pad on all curb ramps. See sheet 10. 
4. Costs for new concrete sidewalk shall be considered incidental to the curb ramp line item.



LILIHA STREET AND KUKUI STREET

SCALE: 1" = 10'

ORIGINAL PLAN	SURVEY PLOTTED BY _____ DATE _____
NOTE BOOK	DRAWN BY _____
	TRACED BY _____
	DESIGNED BY _____
	QUANTITIES BY _____
	CHECKED BY _____
No. _____	



This work was prepared by me or under my supervision and construction of this project will be under my observation. (Observation of construction as defined in Chapter 16-115 Subchapter 1 Definitions of the Hawaii Administrative Rules "Professional Engineers, Architects, Surveyors, and Landscape Architects.")