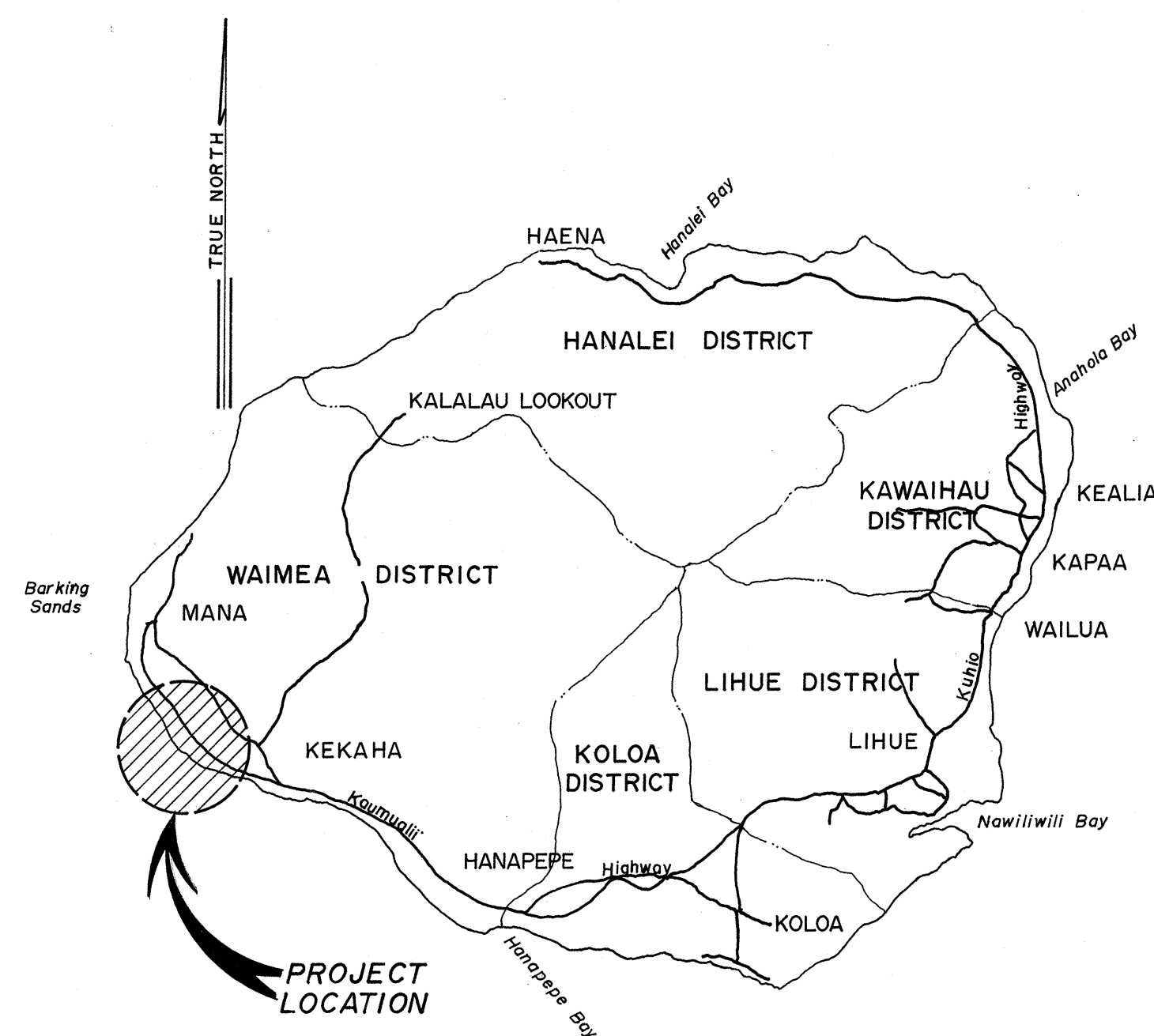
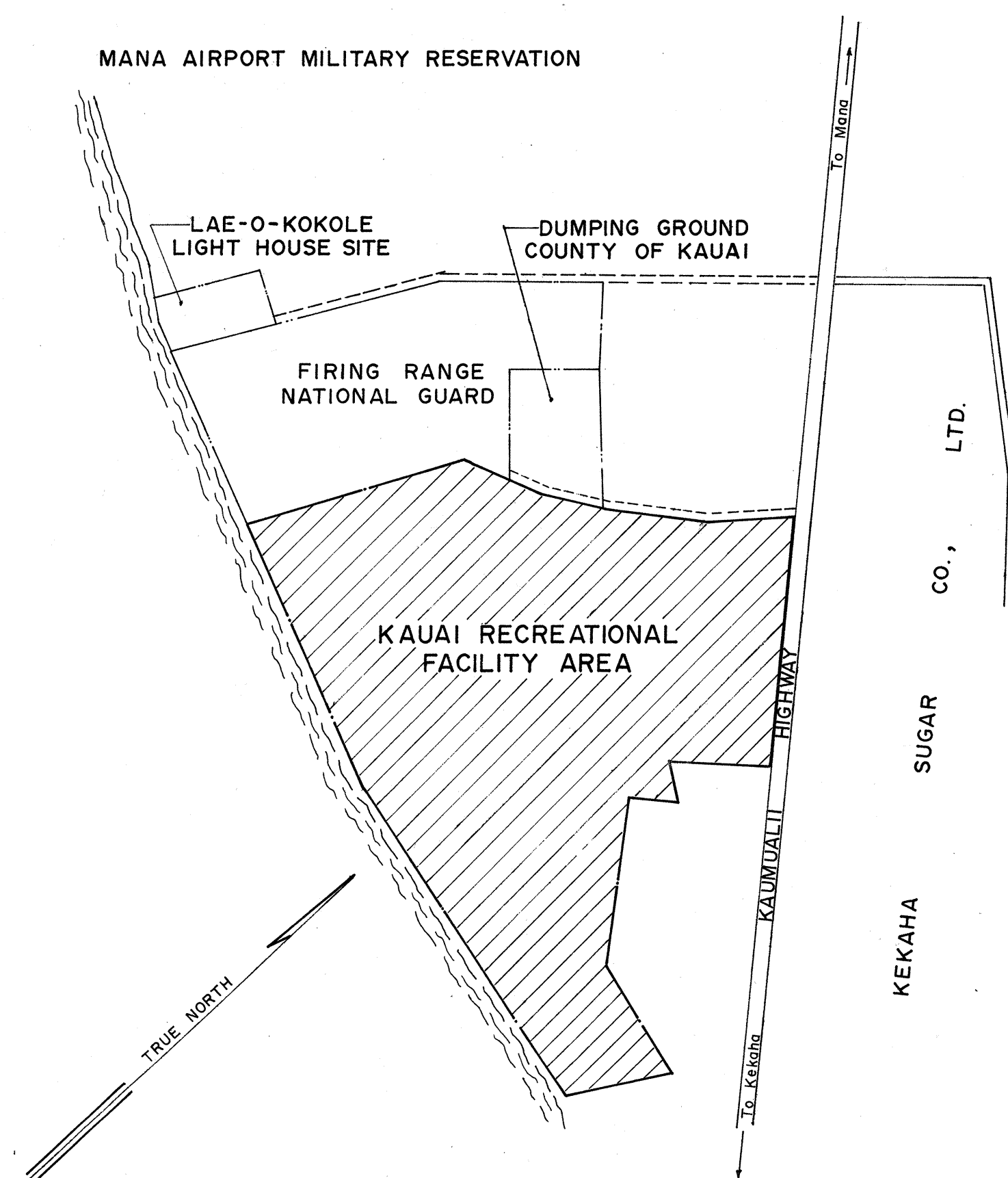
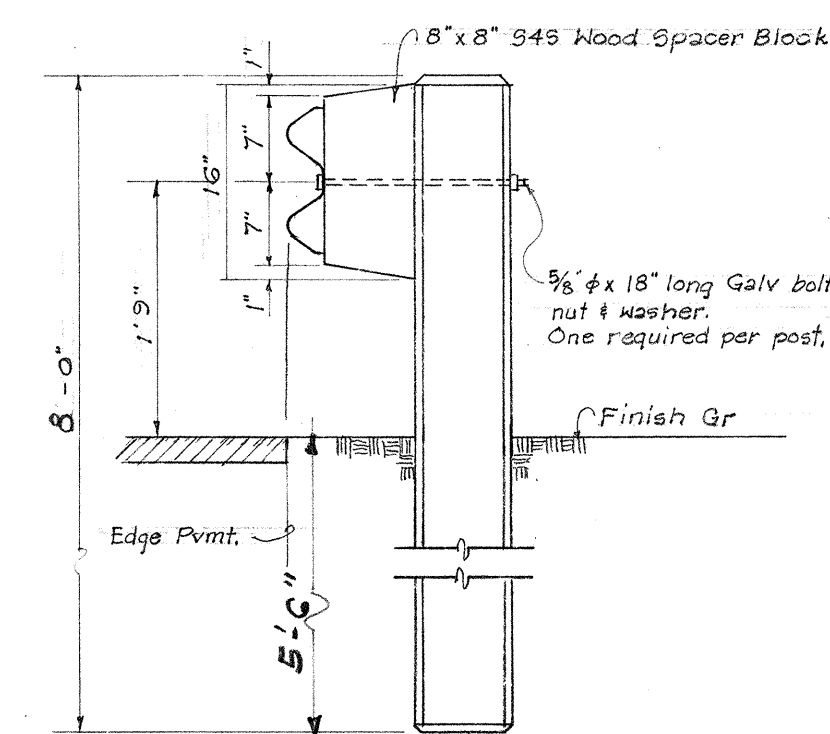
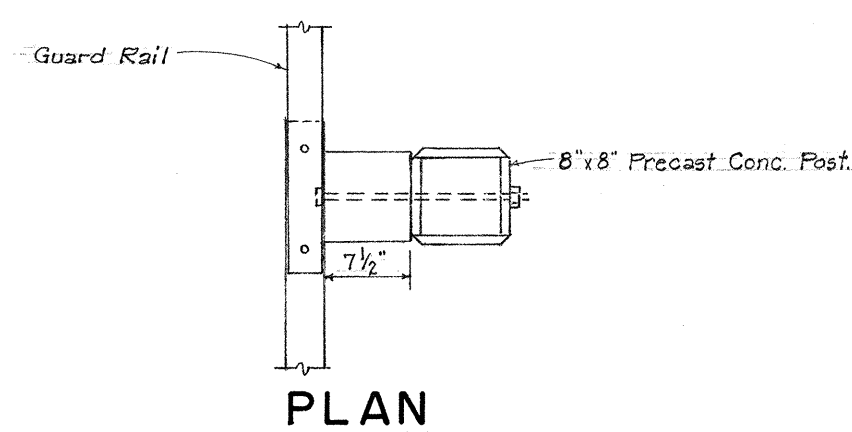




LOCATION MAP
ISLAND OF KAUAI



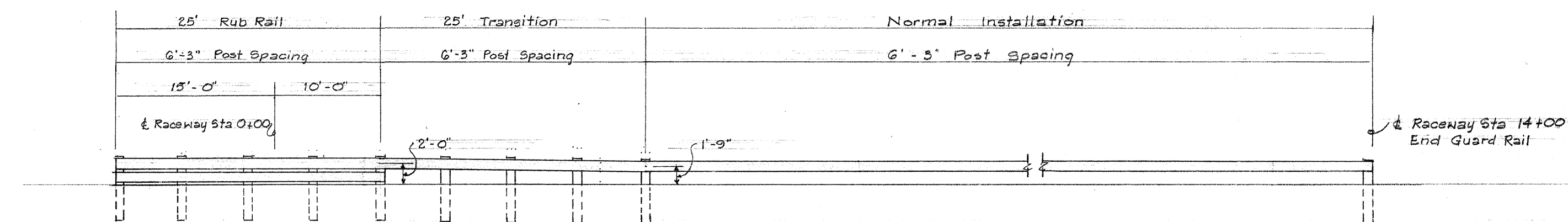
VICINITY MAP



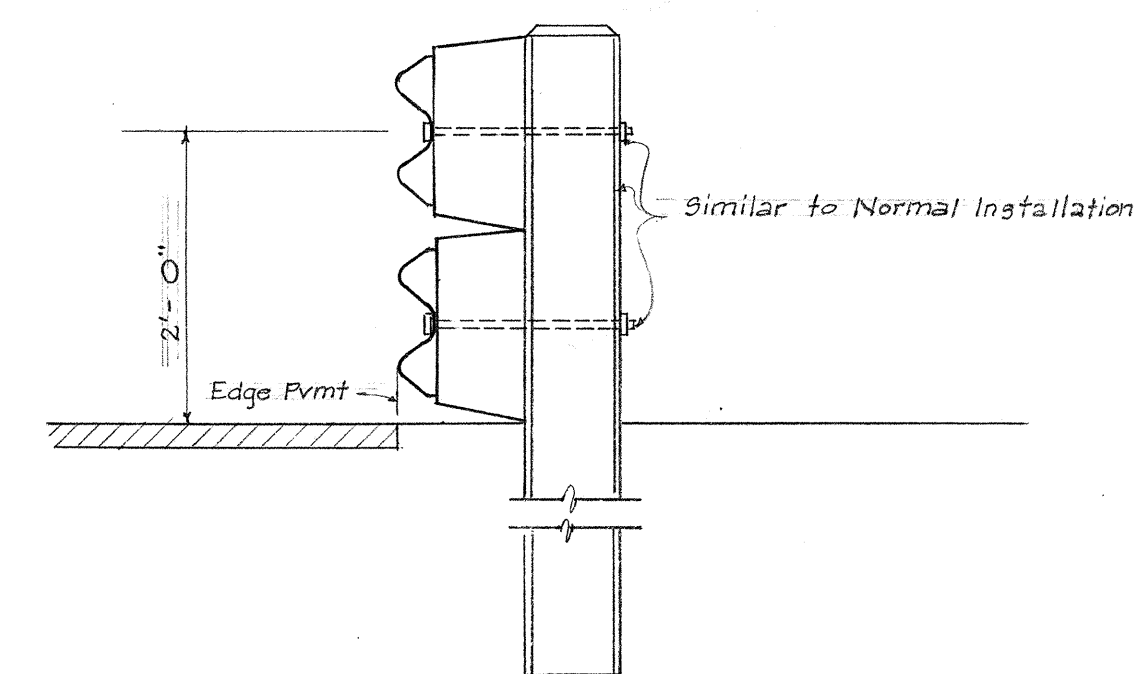
SECTION

BEAM TYPE GUARD RAIL & POST DETAIL (Normal Installation)

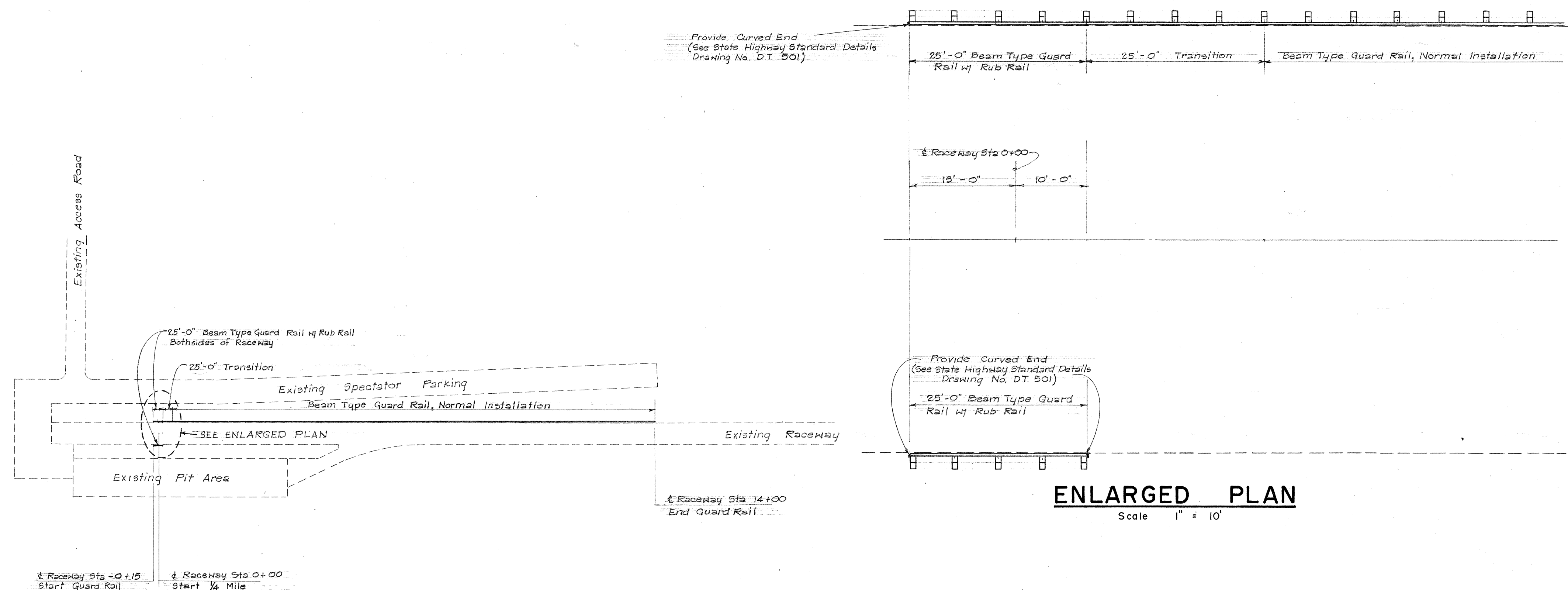
Scale: $\frac{3}{4}$ " = 1' - 0"



TYPICAL ELEVATION



BEAM TYPE GUARD RAIL w/ RUB RAIL



ENLARGED PLAN

Scale: 1" = 10'

GUARD RAIL LAYOUT

Scale: 1" = 200'

GENERAL NOTES:

- For additional information see standard details, except guard rail with rub rail which shall be constructed as shown on this sheet.
- Contractor may use steel post and steel offset brackets, although details on this sheet shown for concrete post.
- The Contractor shall furnish and install only galvanized steel rail beams.
- Any damage to existing pavement during construction will be repaired by the Contractor at his own expense, to the satisfaction of the Engineer.

 THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION <i>Cesar C. Portugal</i> 12-15-71	REVISION	DATE	DESCRIPTION	BY	APPROVED
	STATE OF HAWAII DEPARTMENT OF TRANSPORTATION				
	KAUAI RECREATIONAL FACILITIES KEKAHA, KAUAI, HAWAII PROJECT NO. BD67-713 (IC)				
	FURNISHING & INSTALLATION OF GUARD RAILS				
APPROVED: <i>M. Lee</i> DIRECTOR OF TRANSPORTATION			DESIGNED BY: DRAWN BY: <i>MRM</i> CHECKED BY:		
KUTAKA, PORTUGAL & IBARA, INC. ENGINEERS & SURVEYORS LIHUE, KAUAI, HAWAII 96766			SHEET 1 OF 3 SHEETS		