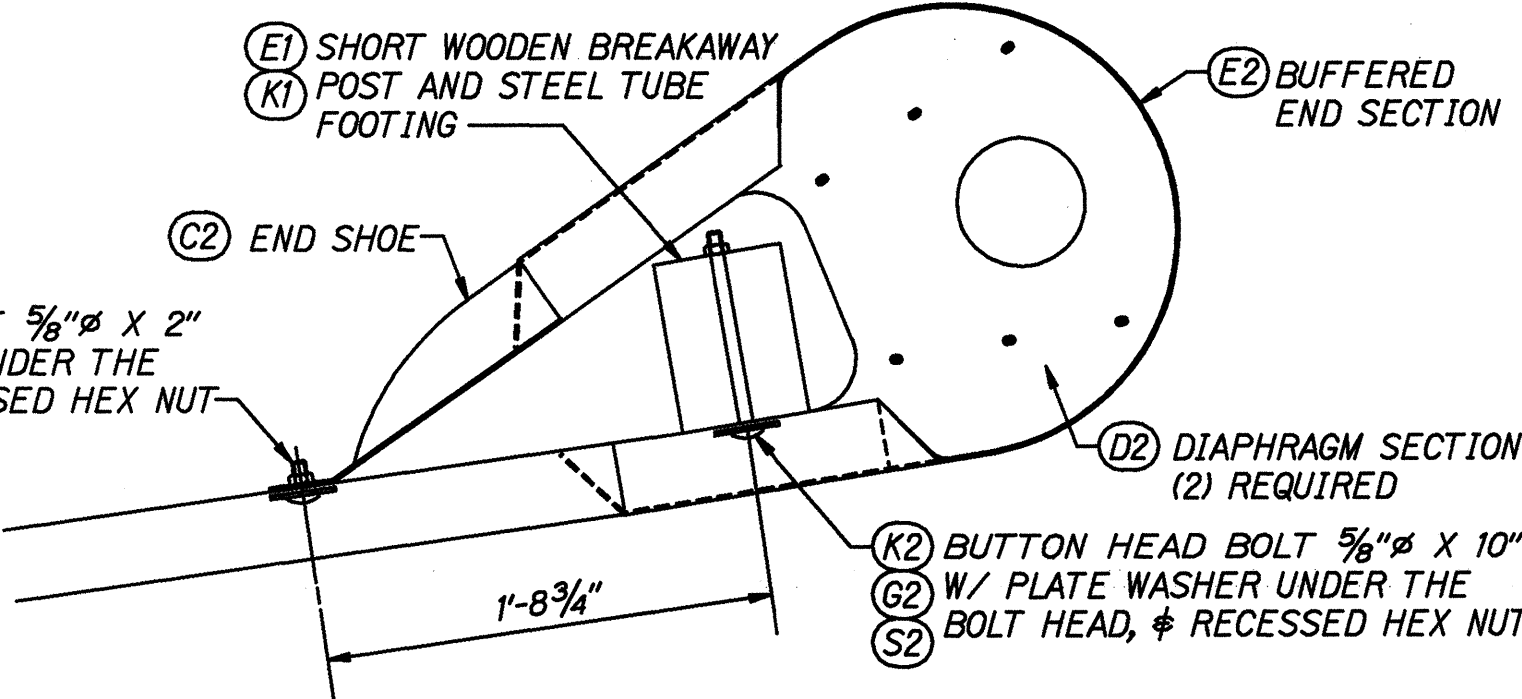


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	360B-01-96M	1996	10	19

NOTES

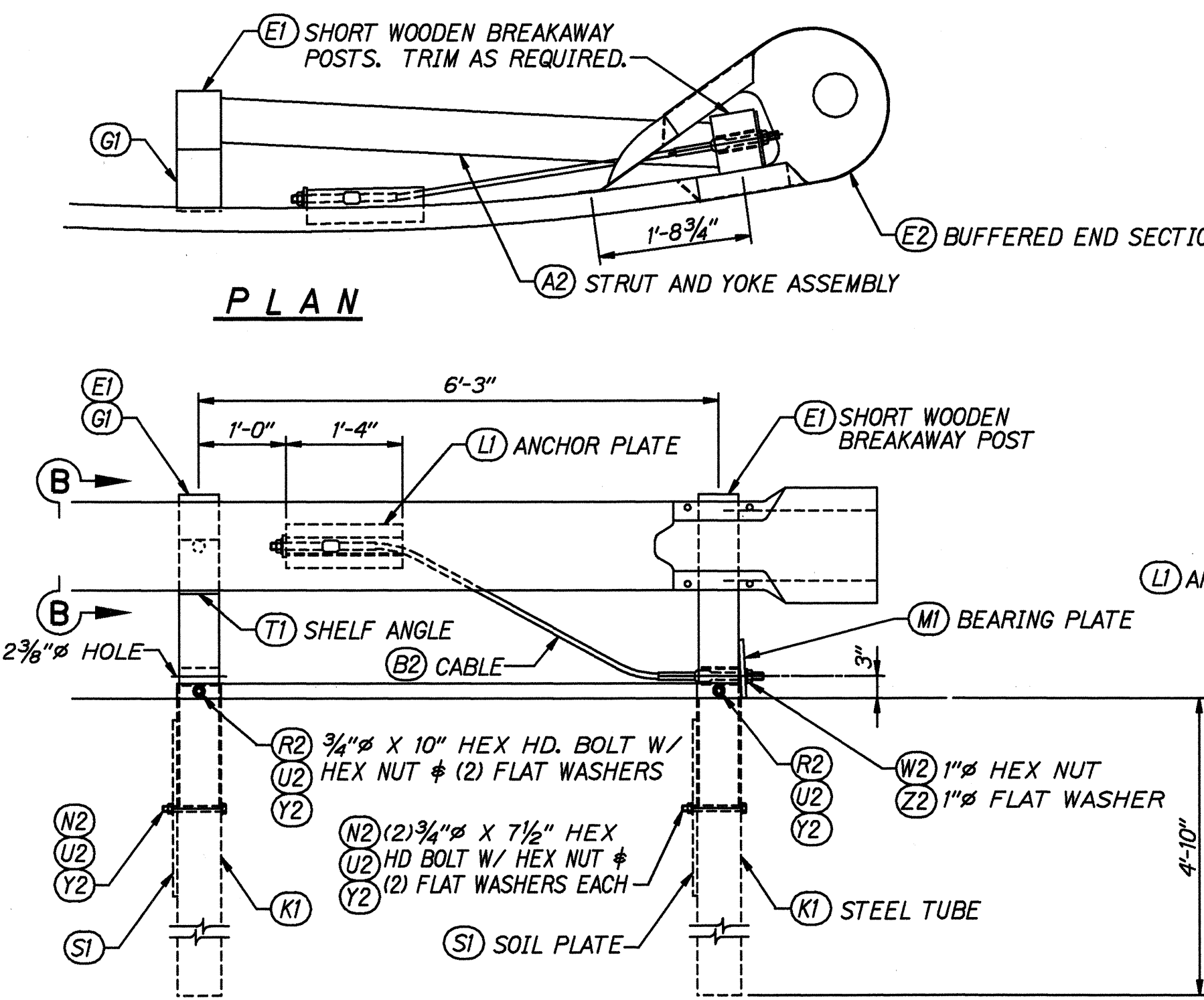
1. THE POST OFFSET DIMENSIONS ARE GIVEN TO THE CENTER OF THE TRAFFIC FACE OF THE BLOCKOUTS, EXCEPT AT THE FIRST POST, WHERE THE DIMENSION IS TO THE CENTER OF THE TRAFFIC FACE OF THE POST. OFFSET POINTS ARE TO BE LOCATED BY CHORD MEASUREMENTS AT THE BACK OF THE RAIL EQUAL TO THE NOMINAL POST SPACINGS SHOWN. POSTS ARE TO BE SET APPROXIMATELY RADIAL TO THE RAILING AT EACH POST LOCATION.



BUFFERED END ASSEMBLY

SUMMARY OF COMPONENTS

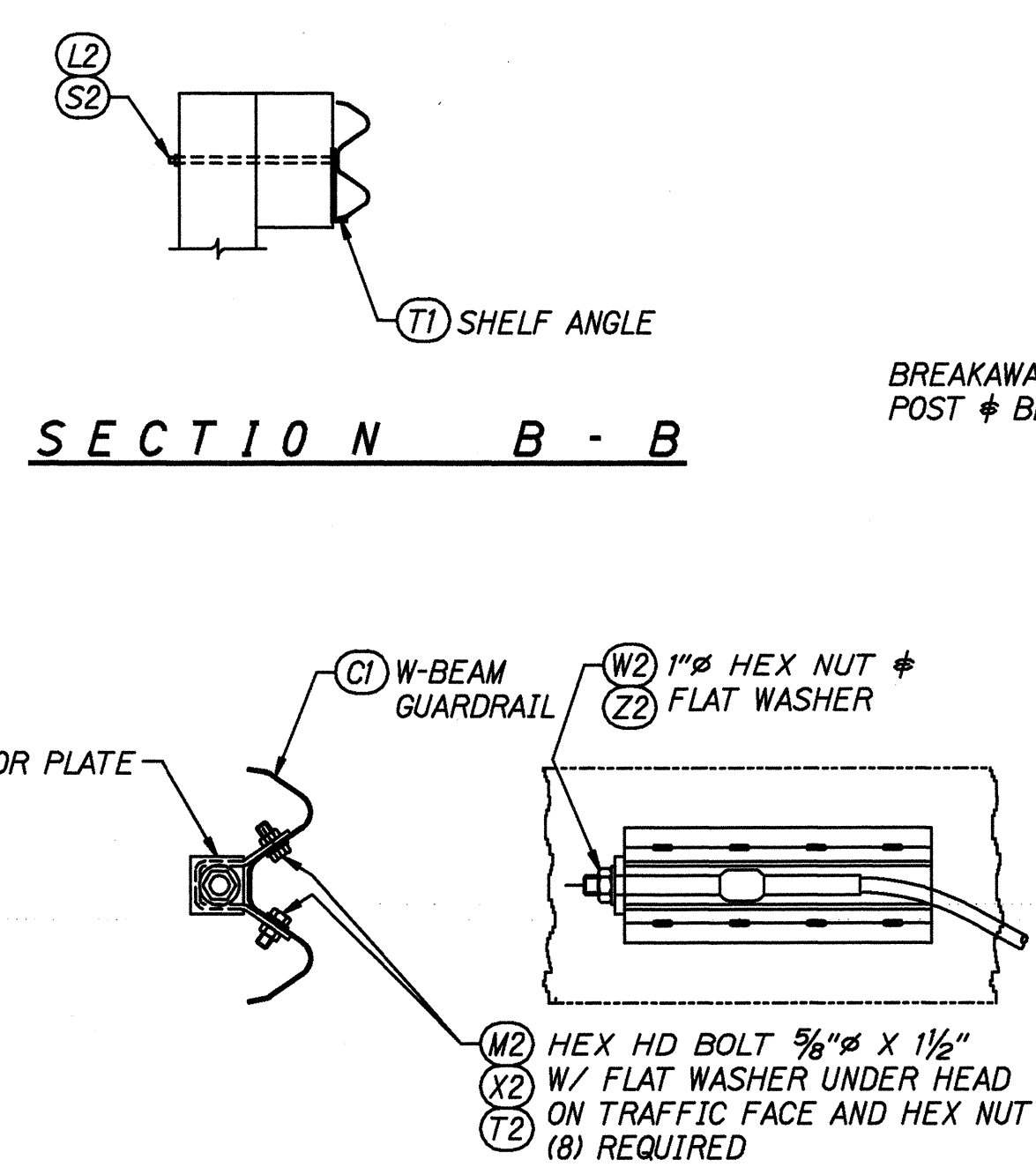
FIND NO.	DESCRIPTION
(A)	GUARDRAIL, 12GA X 12'-6"
(B)	GUARDRAIL, 12GA X 12'-6"
(C)	GUARDRAIL, 12GA X 12'-6"
(D)	BREAKAWAY LINE POST, TIMBER - 6" X 8" X 6'-0"
(E)	BREAKAWAY POST, TIMBER - 5 1/2" X 7 1/2" X 3'-6 1/2"
(G)	BLOCK, TIMBER - 5 1/2" X 7 1/2" X 1'-2"
(H)	POST - W6 X 8.5 X 6'-0"
(J)	BLOCK - W6 X 8.5 X 1'-2"
(K)	SOIL TUBE - TS 8 X 6 X .188 X 5'-0"
(L)	CABLE ANCHOR BRACKET
(M)	BEARING PLATE
(R)	PIPE SPACER
(S)	SOIL PLATE
(T)	SHELF ANGLE
(A2)	STRUT & YOKE ASSEMBLY
(B2)	CABLE ASSEMBLY
(C2)	END SHOE
(D2)	DIAPHRAGM PLATE
(E2)	BUFFERED END SECTION
(G2)	WASHER, PLATE
(H2)	BOLT, SPLICE 5/8" X 1 1/4"
(J2)	BOLT, POST 5/8" X 2"
(K2)	BOLT, POST 5/8" X 10"
(L2)	BOLT, POST 5/8" X 18"
(M2)	BOLT, HEX 5/8" X 1 1/2"
(N2)	BOLT, HEX 3/4" X 7 1/2"
(R2)	BOLT, HEX 3/4" X 10"
(S2)	NUT, HEX, RECESSED 5/8"
(T2)	NUT, HEX 5/8"
(U2)	NUT, HEX 3/4"
(W2)	NUT, HEX 1"
(X2)	WASHER, FLAT 5/8"
(Y2)	WASHER, FLAT 3/4"
(Z2)	WASHER, FLAT 1"



PLAN

ELEVATION

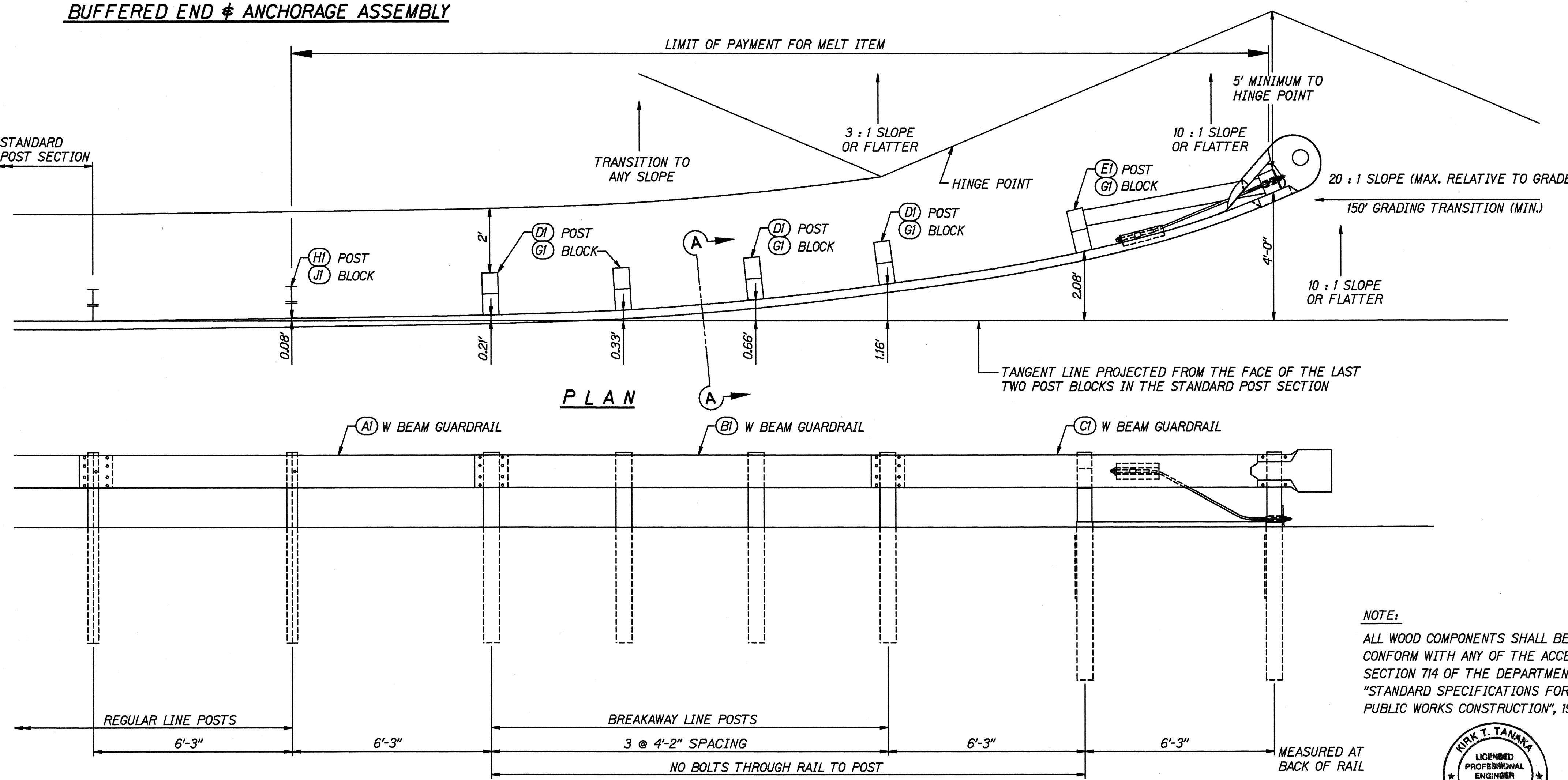
BUFFERED END & ANCHORAGE ASSEMBLY



SECTION N - B - B

SECTION N - A - A

ANCHOR PLATE ASSEMBLY DETAILS

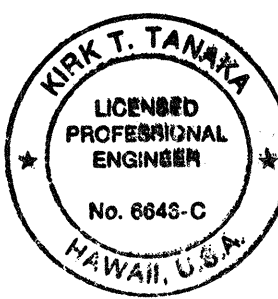


PLAN

ELEVATION

NOTE:

ALL WOOD COMPONENTS SHALL BE TREATED TO CONFORM WITH ANY OF THE ACCEPTED METHODS IN SECTION 714 OF THE DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND PUBLIC WORKS CONSTRUCTION", 1994.



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
K. T. Tanaka
R. T. TANAKA ENGINEERS, INC.
CIVIL ENGINEERING - LAND SURVEYING

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
**MODIFIED ECCENTRIC LOADER
TERMINAL (MELT)**
POST LAYOUT & ERECTION DETAILS
HANA HIGHWAY RESURFACING
OLOWAL BRIDGE TO KALAHU
PROJECT NO. 360B-01-96M
Not to Scale Date: MAY, 1996
SHEET No. 1 OF 3 SHEETS

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

