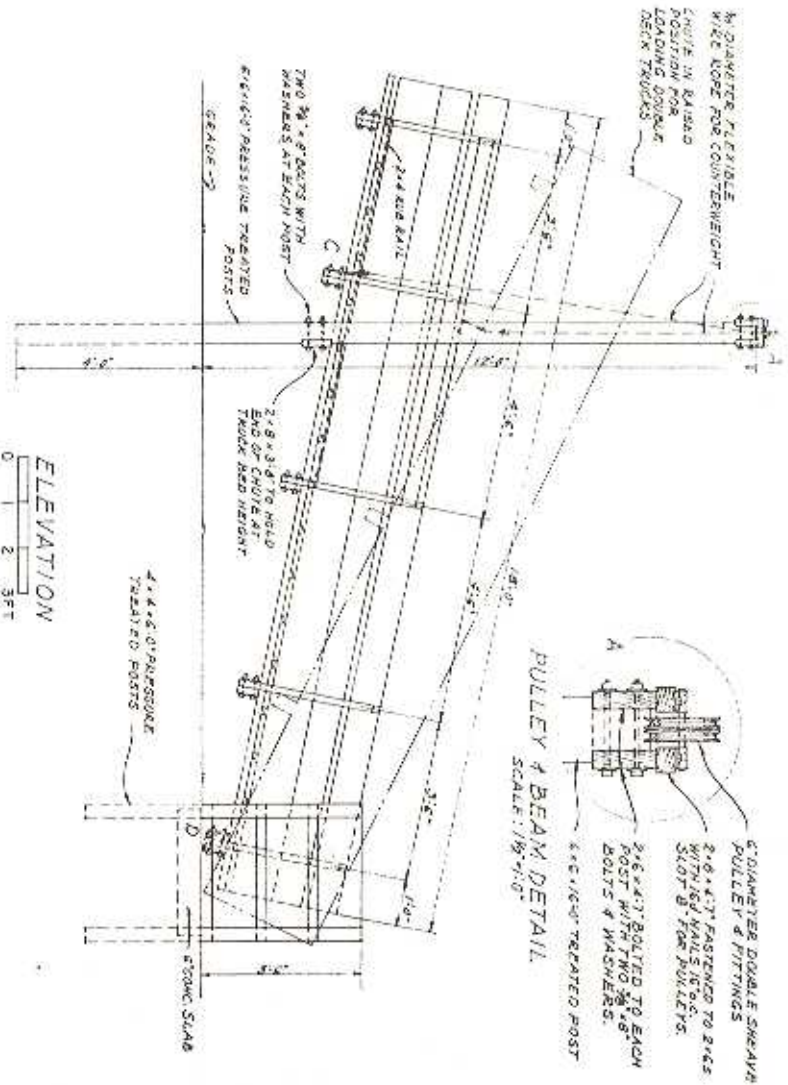


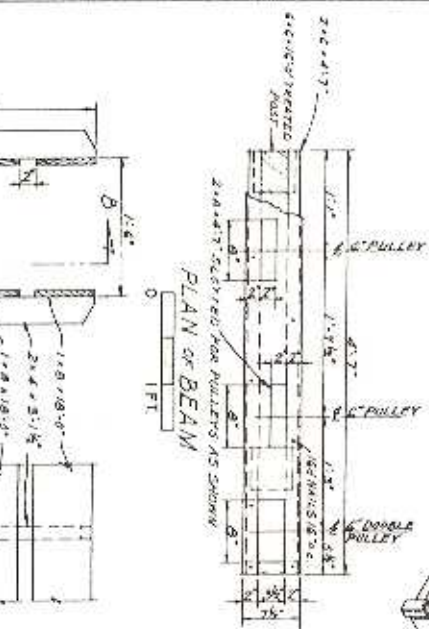
ISOMETRIC VIEW  
OF COMPLETED CHUTE

CONCRETE COUNTERWEIGHT  
OF DIAMETER 4-5/8" LONGER  
CAST ADJUSTING STEEL BOLT  
MAY BE REQUIRED DUE TO  
VARIATIONS IN HEIGHT OF  
LUMBER USED FOR CHUTE

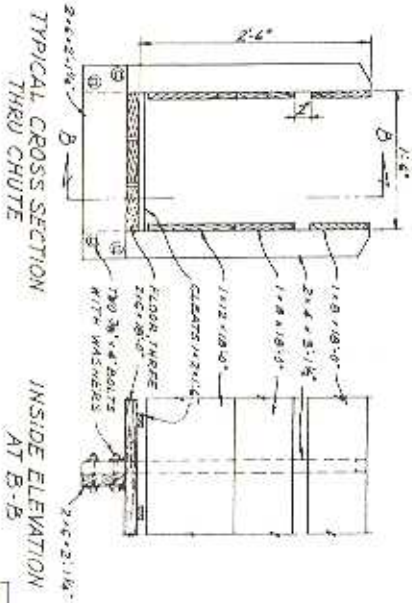


ELEVATION  
0 1 2 3 FT

PULLEY & BEAM DETAIL  
SCALE: 1/8" = 1'-0"

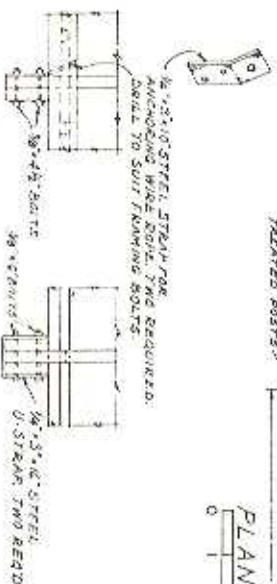


PLAN OF BEAM



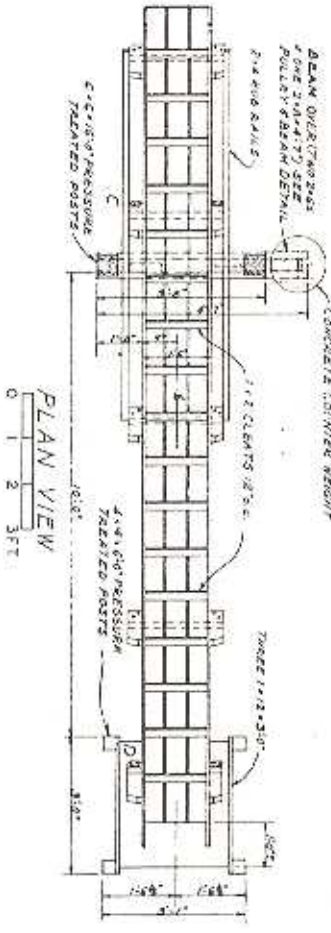
TYPICAL CROSS SECTION  
THRU CHUTE

INSIDE ELEVATION  
AT B-B



DETAIL AT C

DETAIL AT D



PLAN VIEW  
0 1 2 3 FT

COOPERATIVE EXTENSION WORK IN  
AGRICULTURE AND HOME ECONOMICS  
DEPARTMENT OF AGRICULTURAL ENGINEERING  
UNIVERSITY OF MARYLAND  
UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING

VARIALE-HEIGHT LOADING CHUTE  
FOR SHEEP

USDA CI EX 59224 SHEET | OF 1