



4" WIRE ROPE SHEAVE

6" TOP DIA. x 20' PRESSURE TREATED POLE

2 x 6 x 6'-6" BRACE

6" TOP DIA. x 12'-0" PRESSURE TREATED POLE

1/2" PIPE SUPPORTING SIDE WITH ROLLER ATTACHMENT

2'-6" HINGED PLATFORM TO LOADING CHUTE

2'-6" x 8'-0" CONC. RAMP

2 1/2" STEEL PIPE ROLLER

2 x 6 x 16'-0" FLOOR PLANKING

8'-0"

HOISTING ASSEMBLY

1/2" PIPE SUPPORTING SIDES OF LOADING CHUTE FASTENED WITH ONE BOLT THROUGH EACH PLANK TO STEEL STRAP ON INSIDE

BEARING ROLLER ASSEMBLY

END ELEVATION

1/4" x 1 1/2" STEEL BRACKET BOLTED TO POLE TO HOLD 1/2" PIPE

1" x 6" x 16'-0" SIDE PLANKING BOLTED TO 1/2" PIPE AND ROLLER ATTACHMENT. COUNTERSINK NUTS AND WASHERS.

1 x 2 x 22" CLEATS @ 18" O.C.

1/2" PIPE SUPPORT FOR CHANNEL CROSS PIECE

PERSPECTIVE

CHUTE GUIDE

2" STEEL CHANNEL GUIDE, 7' LONG

1/4" x 1 1/2" STEEL STRAP WELDED TO POLE

STEEL STRAP WELDED TO EACH CHANNEL GUIDE (3 PER SIDE), BOLTED TO POST.

1/2" PIPE STRAPS WELDED TO ONE SIDE & 3/4" THREADED ROD WELDED TO OTHER SIDE FOR FASTENING PLANKING. COUNTERSINK NUTS & WASHERS, PEEN BOLTS & WASHERS TO HOLD NUTS IN PLACE.

U-BOLTS FASTENING FLOOR PLANKING TO PIPE. CUT BOLTS FLUSH AFTER TIGHTENING NUTS.

2" STEEL CHANNEL CROSS PIECE OVER PIPE.



SCALE: 3/8" = 1'-0" UNLESS OTHERWISE NOTED

COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS

UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING

SHEEP LOADING CHUTE FOR DOUBLE DECKER TRUCK

USDA '79 EX. 6321 SHEET 1 OF 1

BASED ON CANADA PLAN NO. 4841