STEEL HOOK & STAPLE PLATE, TWO PER PANEL—SIX SETS REG.
SEE SIDE PANEL DETAIL BELOW.

NOTE:
FEEDER DESIGN FOR TWO
BALES OF MAX. SIZE 6' LENGTH, 6" DIAMETER. FOR
SINGLE BALE FEEDER, BUILD TO ONE-HALF THE LENGTH.
ALL WOOD TO BE PRESSURE-TREATED. NAILS AND BOLTS
SHOULD BE GALVANIZED OR
COATED. FEEDER DESIGNED FOR SIDE
OR END LOADING.
FEEDER CAN ALSO BE USED FOR
CONVENTIONAL BALES
HANDLED IN BULK.

PLAN

CORRUGATED METAL ROOFING
A
2x4x6'-0"

1x8x14'-0"
FLOORING BOARDS

2x4x6'-9"
PANEL SADDLE

2x4x6'-10"

PANEL HINGE
2 PER PANEL,
6 REQ.

TWO 1x8x14'-0"
SIDE BOARDS
3/8" BOLT X 3 L.
WITH WASHER,
26 REQ.

2x4x6'-9"
PANEL SADDLE

4x6x6'-0"
SKID
2x4x2'-10/2"
SPREADER

2x4x4'-0"
FLOOR SUPPORTS, EQUALLY SPACED

SIDE ELEVATION

SIDE PANEL

BASED ON: W. VA. UNIV. PLAN NO. BE-153

END PANEL

2 REQ.

MATERIAL LIST:
3-4x6x16'-0"
SKIDS.
18-1x8x14'-0"
BUNK.
4-1x6x14'-0"
BUNK.
1-1x4x8'-0"
BRACE.
5-2x4x6'-0"
PURLINS, BRACE,
RAFTERS.

14-2x4x14'-0"
SIDE PANEL FRAME,
FLOOR JOISTS, POSTS.
10-2x4x12'-0"
SLATS.
5-2x4x10'-0"
END PANEL FRAME.
2-2x4x14'-0"
PANEL SADDLES.

HARDWARE:
9x16" CORRUGATED METAL ROOF & NAILS.
5-3/8" BOLTS WITH WASHERS AND
NUTS.
6-PANEL HINGES WITH SCREWS.
6-STEEL HOOKS AND STAPLE PLATES.
4-3/8" EYE BOLTS WITH WASHERS
AND NUTS.
26-1/2" BOLTS WITH WASHERS AND
NUTS.
NAILS-8d, 10d, 20d.

COOPERATIVE EXTENSION WORK IN
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STATE OF TENNESSEE
UNIVERSITY OF TENNESSEE
UNITED STATES DEPARTMENT OF AGRICULTURE, COOPERATING
PORTABLE FEEDER
FOR BIG BALES
W. VA. '76 6249 SHEET 1 OF 1