24'-0" BARN
LOOSE HAY - 0.31 TONS PER LIN. FT.
BALED HAY - MAXIMUM DEPTH 7 FT.

20'-0" BARN
LOOSE HAY - 0.27 TONS PER LIN. FT.
BALED HAY - MAXIMUM DEPTH 6 FT.

18'-0" BARN
LOOSE HAY - 0.16 TONS PER LIN. FT.
BALED HAY - MAXIMUM DEPTH 5 FT.

16'-0" BARN
LOOSE HAY - 0.12 TONS PER LIN. FT.
BALED HAY - MAXIMUM DEPTH 5 FT.

TYPICAL FRAMING FOR END WALLS

NOTES: 1. Variable dimension, see foundation detail (dwg. 5501).
2. Use 3-2 x 12" girders if columns are spaced 11'-0" or less apart.
3. Use 3-2 x 10" girders if columns are spaced 10'-0" or less apart.
4. Column spacing not to exceed 12'-0".

DETAIL A
- 2 x 4" rafter
- 6d nails on all ends
- 1 x 6" brace

DETAIL B
- 2 x 4" rafter
- 5d nails on all ends
- 1 x 6" brace

DETAIL C
- 2 x 4" rafter
- 5d nails on all ends
- 1 x 6" brace

COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS
UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATIVE
BRACED RAFTER FRAMING SPANS IN FEET TO 24 FEET
USDA '49 EX 5625 SHEET 1 OF 1

BASED ON DWG. EX 5173