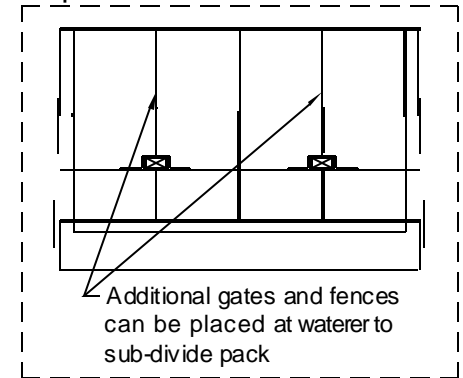


Optional Gates and Fences



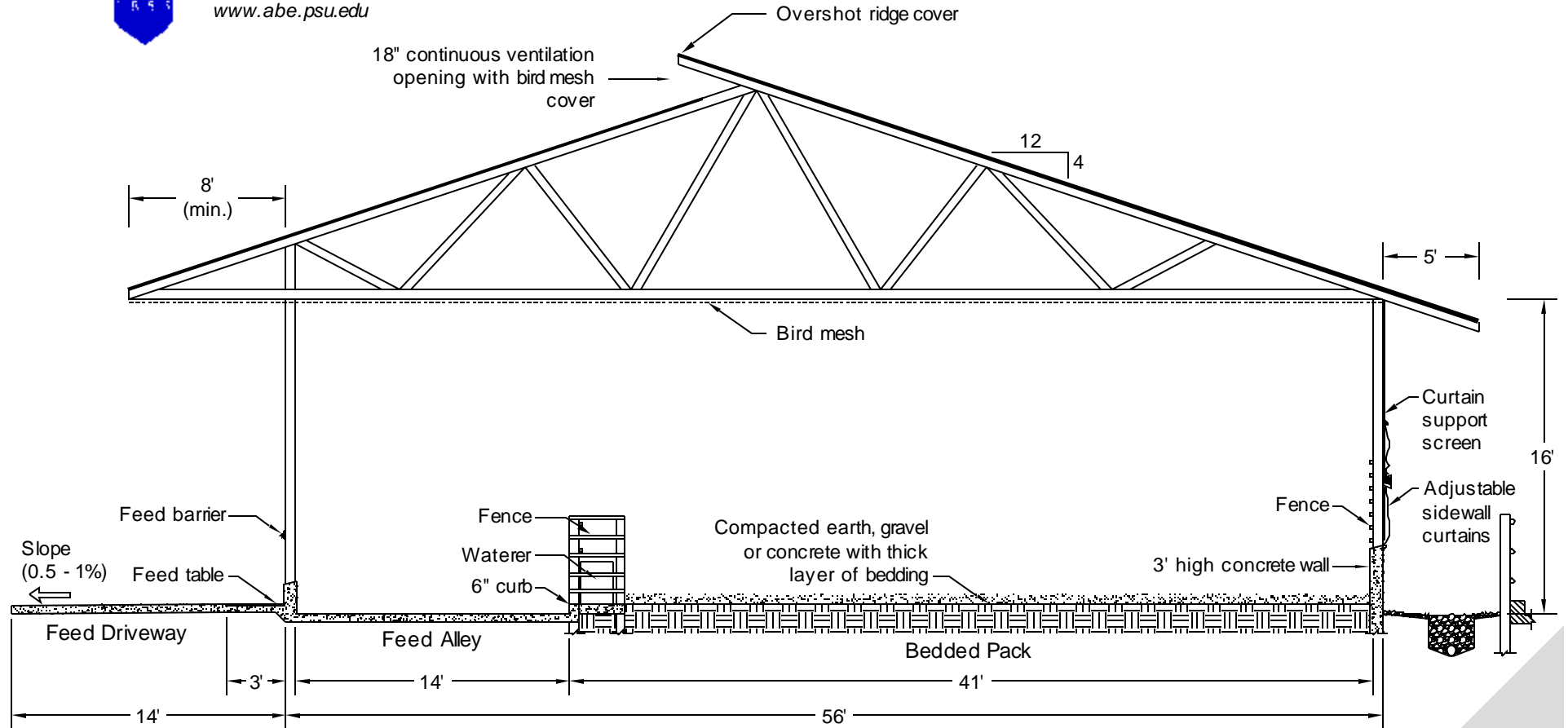
Notes :

- Structural details to be designed and constructed in accordance with local codes and conditions.
- Size gates in alley and front of pack to allow animals to be held on pack or in feed area.
- Provide minimum of two waterer locations per group and 3" of trough length per cow in all milking groups.
- Provide bedded pack area per animal as follows:
 - Close up heifer: 100 - 120 sq. ft.
 - Early dry cow: 80 - 100 sq. ft.
 - Late dry cow: 100 - 120 sq. ft.
 - 1 week before calving: 125 - 150 sq. ft.
 - Freshening pack: 175 - 200 sq. ft.
 - Lactating cows: 125 - 150 sq. ft.

Related Detail Sheets :

- DIP 831 Fenceline Feed Barriers
- DIP 841 Watering Locations for Dairy Cattle
- DIP 851 Freestall Crossovers and Floor Surface Details

**DRY OR MOBILITY COW
BEDDED PACK SHELTER
- FITS THREE ROW FREESTALL**
Graves, McFarland, Tyson, Wilson
Date: 12/01/05 Sheet #1 of 2



Gable Roof 1
 Cross Section 2

Notes :

- Structural details to be designed and constructed in accordance with local codes and conditions.
- Face overshot ridge opening perpendicular to prevailing winds.
- Truss must be designed for overhang on one end.
- Roof overhang must clear feed equipment.

Related Detail Sheets :

- DIP 803 Typical Sidewall - Bedded Pack
- DIP 811 Ridge Openings for Naturally Ventilated Dairy Shelters
- DIP 831 Fenceline Feed Barriers
- DIP 841 Watering Locations for Dairy Cattle
- DIP 851 Freestall Crossovers and Floor Surface Details

**DRY OR MOBILITY COW
 BEDDED PACK SHELTER
 - FITS THREE ROW FREESTALL**
 Graves, McFarland, Tyson, Wilson
 Date: 12/10/05 Sheet #2 of 2