

**Notes :**

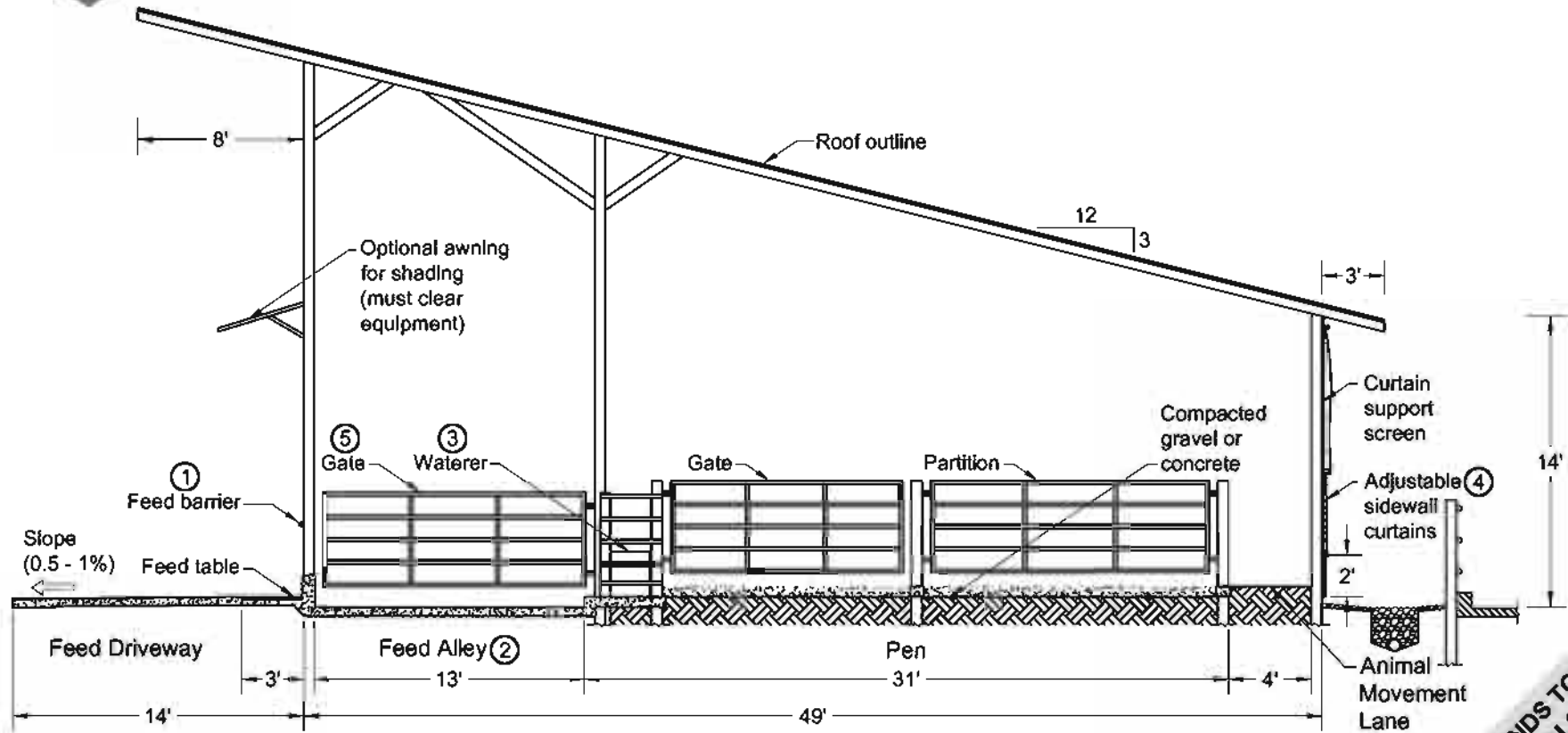
- Structural details to be designed and constructed in accordance with local codes and conditions.
- Put plywood on gates if drafts are a problem with younger animals.
- Provide bedded pack area per heifer as follows:
  - 300 - 500 lb: 40 sq. ft.
  - 500 - 700 lb: 50 sq. ft.
  - 700 - 900 lb: 60 sq. ft.
  - 900 - 1100 lb: 70 sq. ft.
  - 1100 lb - Pre-fresh: 80 sq. ft.

**Related Detail Sheets :**

- ① DIP 831 Fenceline Feed Barriers
- ② DIP 851 Freestall Crossovers and Floor Surface Details
- ③ DIP 842 Watering Locations for Dairy Calves and Heifers

**BEDDED PACK HEIFER SHELTER, 300 POUNDS TO 1 MONTH PRE-FRESH, 5 GROUPS, 75 ANIMALS - FITS THREE ROW HEIFER FREESTALL**

Graves, McFarland, Tyson, Wilson  
Date: 01/13/10/7 Sheet #1 of 4



Monoslope Roof (1)  
Cross Section (2)

Notes :

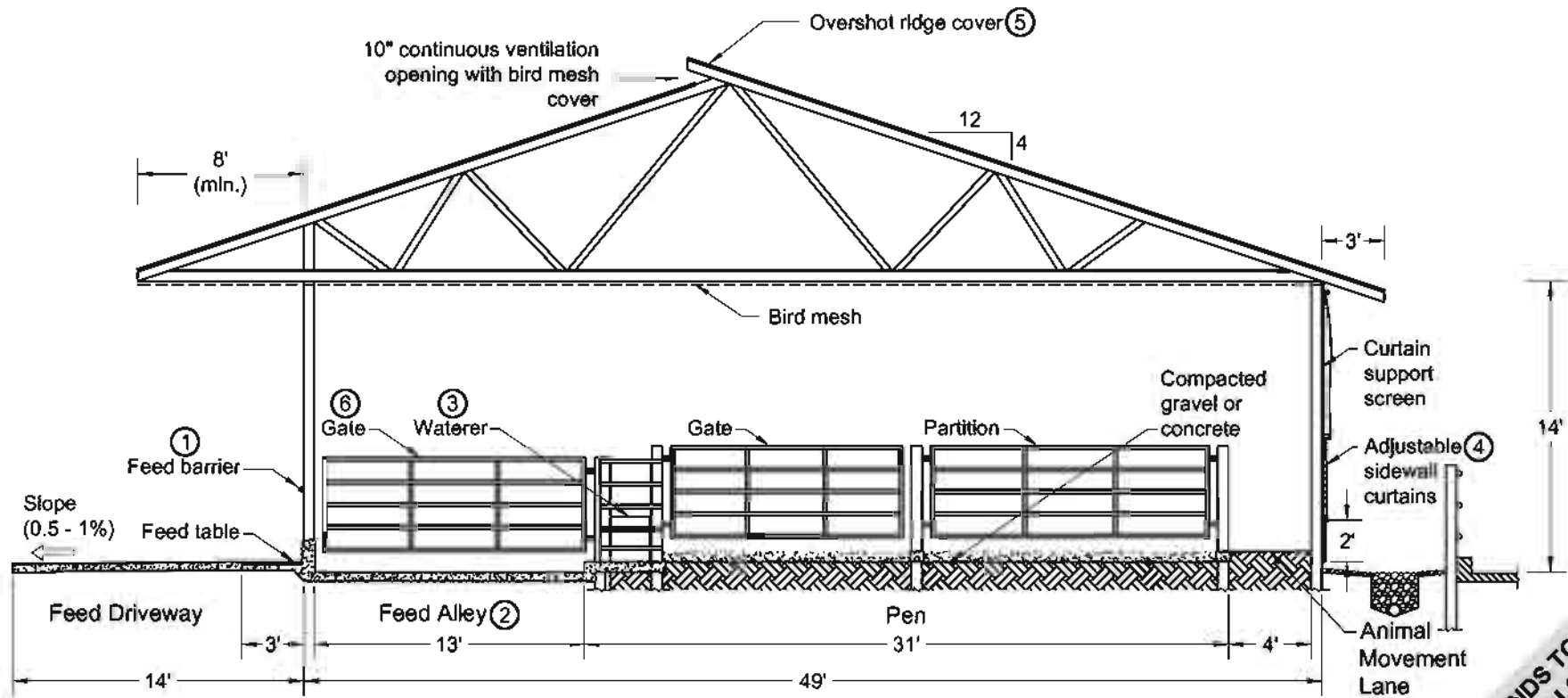
- Structural details to be designed and constructed in accordance with local codes and conditions.
- Face open front away from prevailing winter winds.
- Open front facing SE will provide afternoon shading in hot weather.

Related Detail Sheets :

- ① DIP 831 Fenceline Feed Barriers
- ② DIP 851 Freestall Crossovers and Floor Surface Details
- ③ DIP 842 Watering Locations for Dairy Calves and Heifers
- ④ DIP 801 Typical Sidewall - Outside Alley
- ⑤ DIP 861 Gates and Penwork

**BEDDED PACK HEIFER SHELTER, 300 POUNDS TO 1 MONTH PRE-FRESH, 5 GROUPS, 75 ANIMALS - FITS THREE ROW HEIFER FREESTALL**

Graves, McFarland, Tyson, Wilson  
Date: 01/13/107  
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Gable Roof ①  
Cross Section ③

Notes :

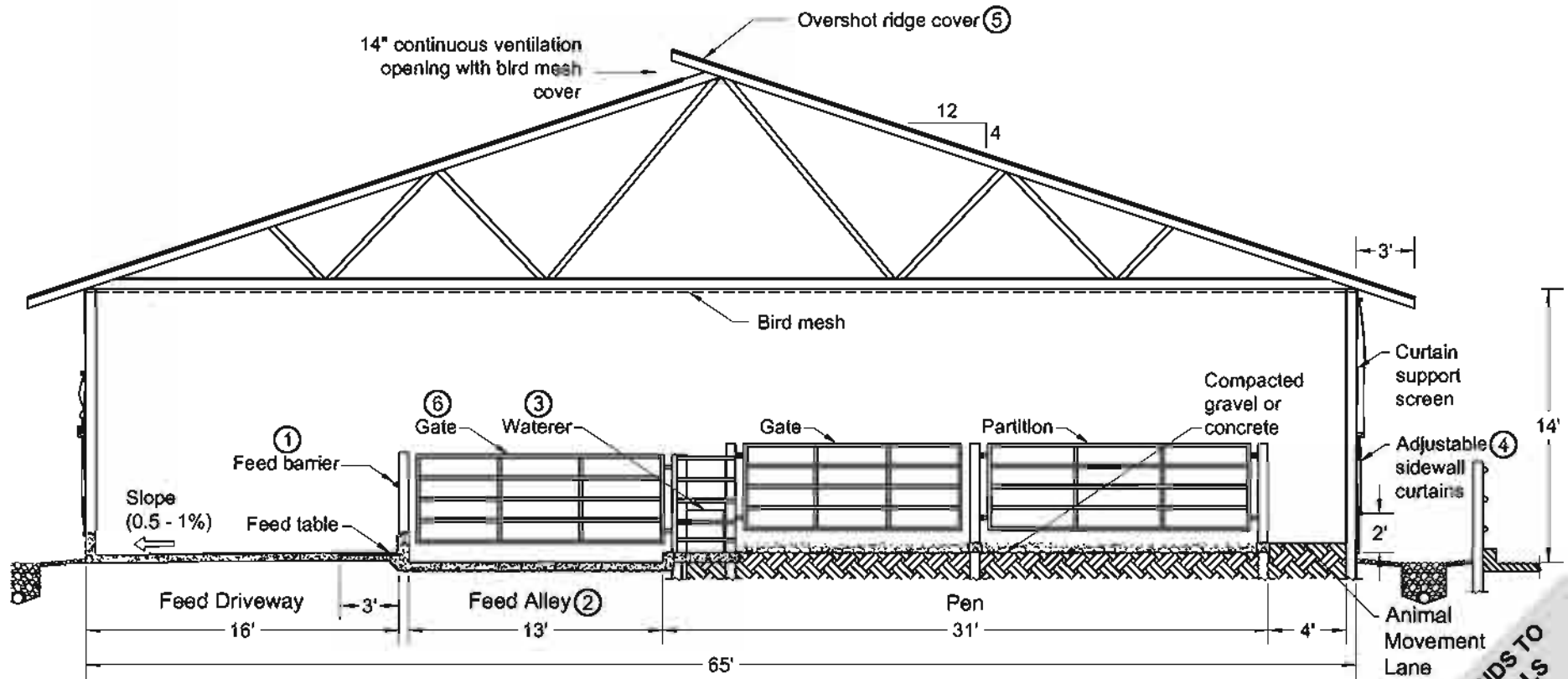
- Structural details to be designed and constructed in accordance with local codes and conditions.
- Orient overshoot ridge perpendicular to prevailing winds.
- Truss must be designed for overhang on one end.
- Roof overhang must clear feed equipment.

Related Detail Sheets :

- ① DIP 831 Fenceline Feed Barriers
- ② DIP 851 Freestall Crossovers and Floor Surface Details
- ③ DIP 842 Watering Locations for Dairy Calves and Heifers
- ④ DIP 801 Typical Sidewall - Outside Alley
- ⑤ DIP 811 Ridge Openings for Naturally Ventilated Dairy Shelters
- ⑥ DIP 861 Gates and Penwork

**BEDDED PACK HEIFER SHELTER, 300 POUNDS TO 1 MONTH PRE-FRESH, 5 GROUPS, 75 ANIMALS - FITS THREE ROW HEIFER FREESTALL**

Graves, McFarland, Tyson, Wilson  
Date: 01/13/107  
Sheet #3 of 4



Gable Roof  
Cross Section, Inside Feeding (1/4)

Notes :

- Structural details to be designed and constructed in accordance with local codes and conditions.
- Orient overshoot ridge perpendicular to prevailing winds.
- Ceiling height must clear feed equipment.

Related Detail Sheets :

- ① DIP 831 Fenceline Feed Barriers
- ② DIP 851 Freestall Crossovers and Floor Surface Details
- ③ DIP 842 Watering Locations for Dairy Calves and Heifers
- ④ DIP 801 Typical Sidewall - Outside Alley
- ⑤ DIP 811 Ridge Openings for Naturally Ventilated Dairy Shelters
- ⑥ DIP 861 Gates and Penwork

**BEDDED PACK HEIFER SHELTER, 300 POUNDS TO 1 MONTH PRE-FRESH, 5 GROUPS, 75 ANIMALS - FITS THREE ROW HEIFER FREESTALL**  
Graves, McFarland, Tyson, Wilson  
Date: 01/3-1/07  
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