

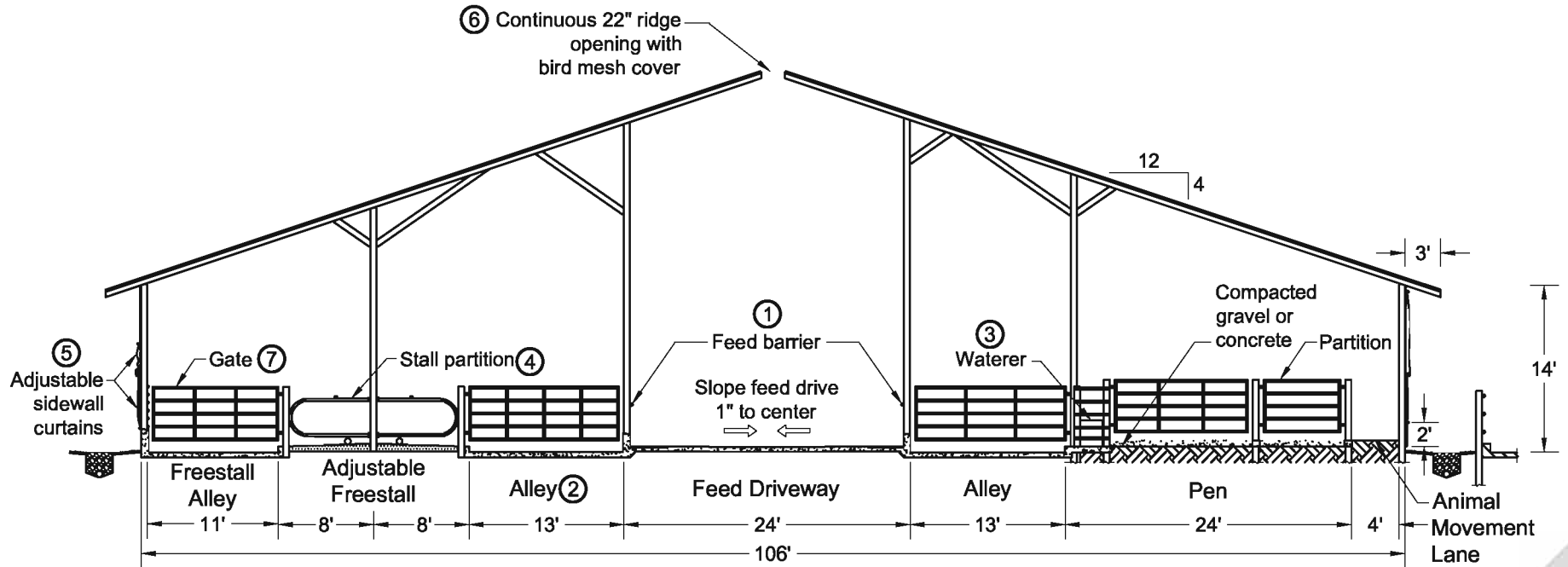
Notes :

- Structural details to be designed and constructed in accordance with local codes and conditions.
- 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.
- Provide a gated worker pass through in each group for easy access.
- Plan shows 7 groups. Can be expanded using same ideas shown.
- Building length may vary depending on stall width and number.

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 822 Heifer Freestall Partitions

**HEIFER BEDDED PACK AND HEAD TO HEAD
 FREESTALL SHELTER, DRIVE-THROUGH FEEDING,
 300 POUNDS TO 1 MONTH PRE-FRESH,
 7 GROUPS, 135 ANIMALS**
 Graves, McFarland, Tyson, Wilson
 Date: 02/05/07 Sheet #1 of 3



Post and Beam Roof 1
 Cross Section 2

Notes :

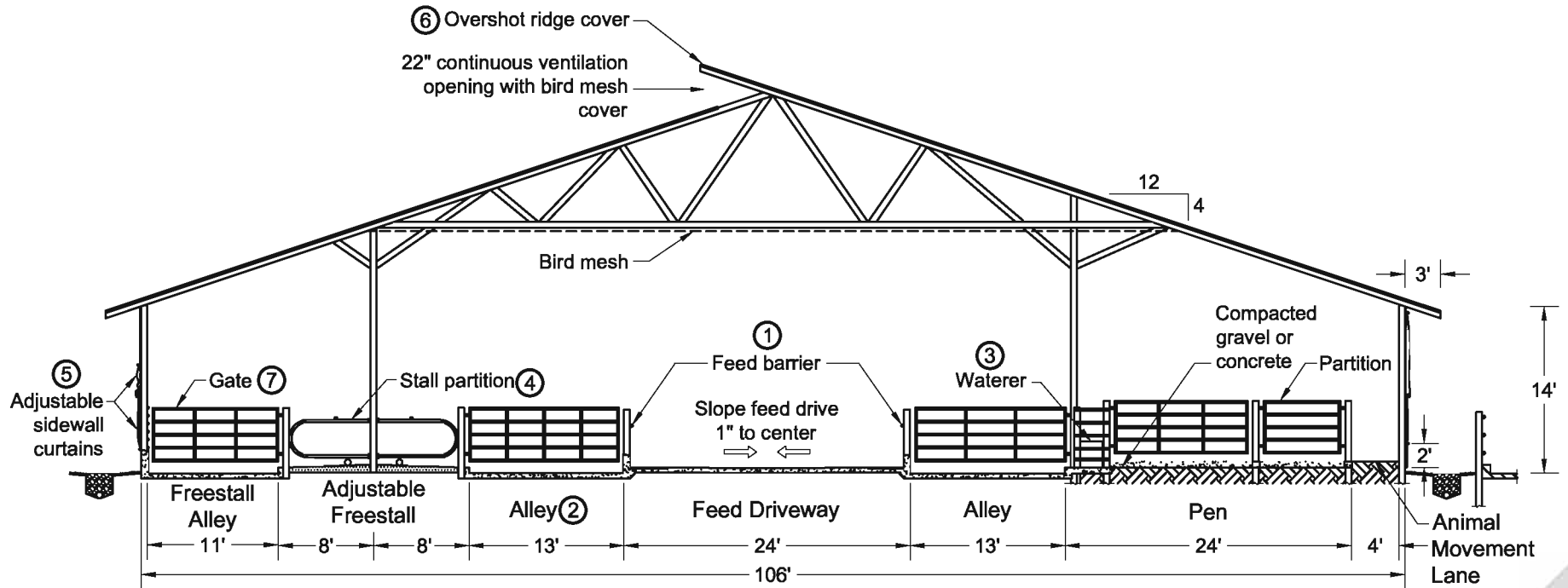
- Structural details to be designed and constructed in accordance with local codes and conditions.
- Orient ridge perpendicular to prevailing winds.

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- 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 822 Heifer Freestall Partitions
- ⑤ DIP 801 Typical Sidewall - Outside Alley
- ⑥ DIP 811 Ridge Openings for Naturally Ventilated Dairy Shelters
- ⑦ DIP 861 Gates and Penwork

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 Date: 02/05/07 Sheet #2 of 3

No. DIP 566



Truss Roof 1
 Cross Section 3

Notes :

- Structural details to be designed and constructed in accordance with local codes and conditions.
- Orient ridge perpendicular to prevailing winds.
- Face overshot ridge opening away from prevailing winds.

Related Detail Sheets :

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- ④ DIP 822 Heifer Freestall Partitions
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 Date: 02/05/07 Sheet #3 of 3

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