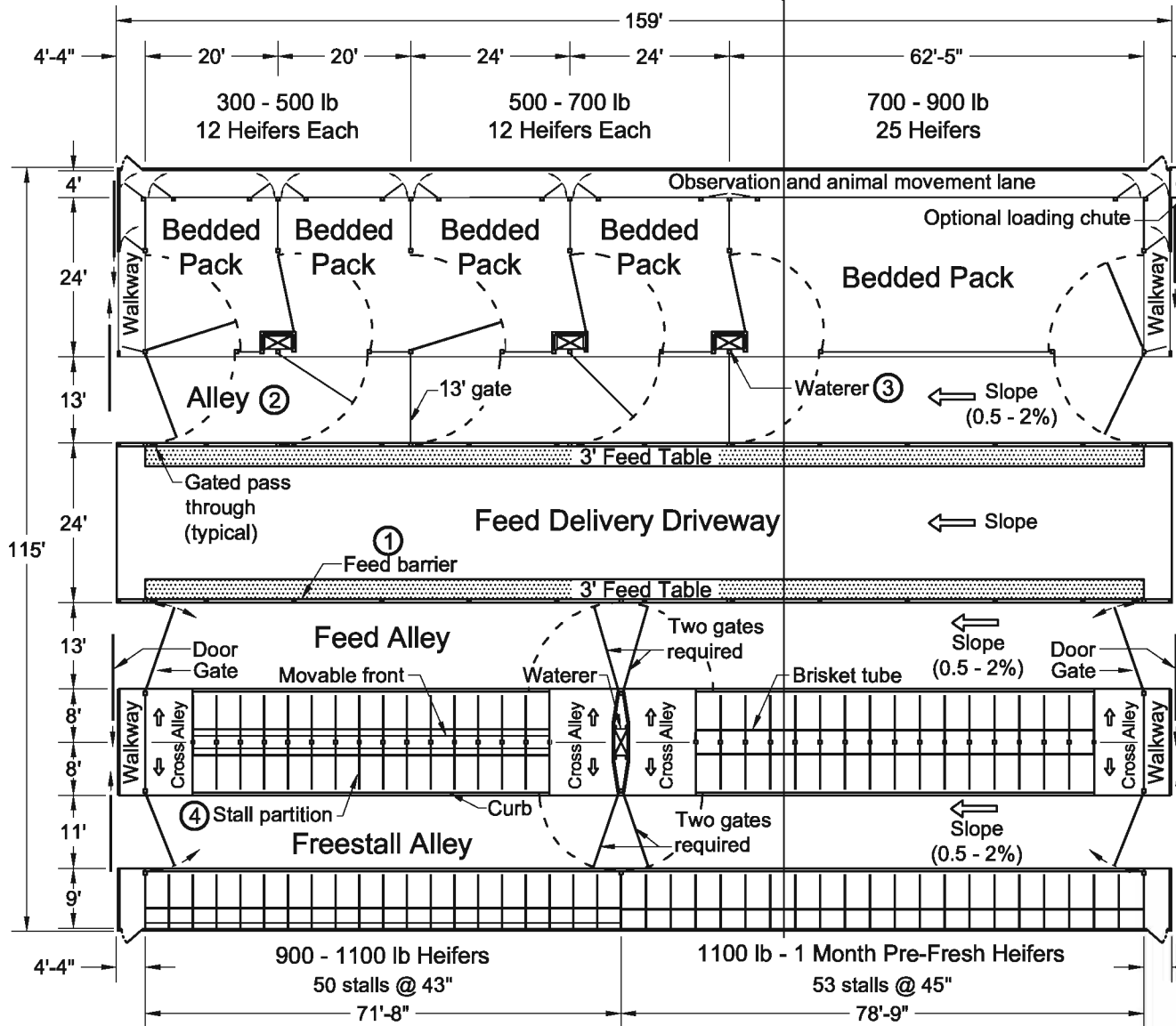




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Notes :

- Structural details to be designed and constructed in accordance with local codes and conditions.
- Provide bedded pack area per heifer as follows:

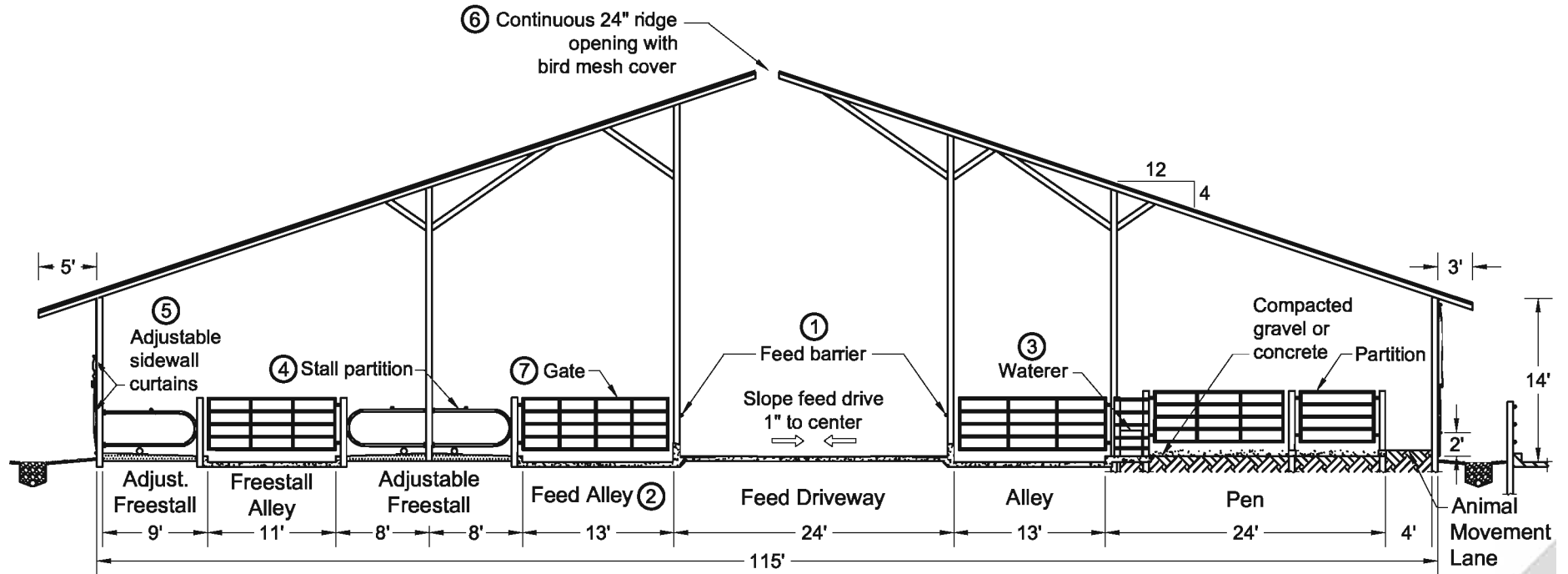
- 300 - 500 lb:	40 sq. ft.
- 500 - 700 lb:	50 sq. ft.
- 700 - 900 lb:	60 sq. ft.
- 900 - 1100 lb:	70 sq. ft.
- 1100 lb - Pre-fresh:	80 sq. ft.
- Provide a gated worker pass through in each group for easy access.
- Plan shows 7 groups. Can be expanded using same ideas shown.
- Building length may vary 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 THREE ROW FREESTALL SHELTER, DRIVE-THROUGH FEEDING, 300 POUNDS TO 1 MONTH PRE-FRESH, 7 GROUPS, 176 ANIMALS
 Graves, McFarland, Tyson, Wilson
 Date: 02/05/07 Sheet #1 of 3

No. DIP 568



Post and Beam Roof

1
2

 Cross Section

Notes :

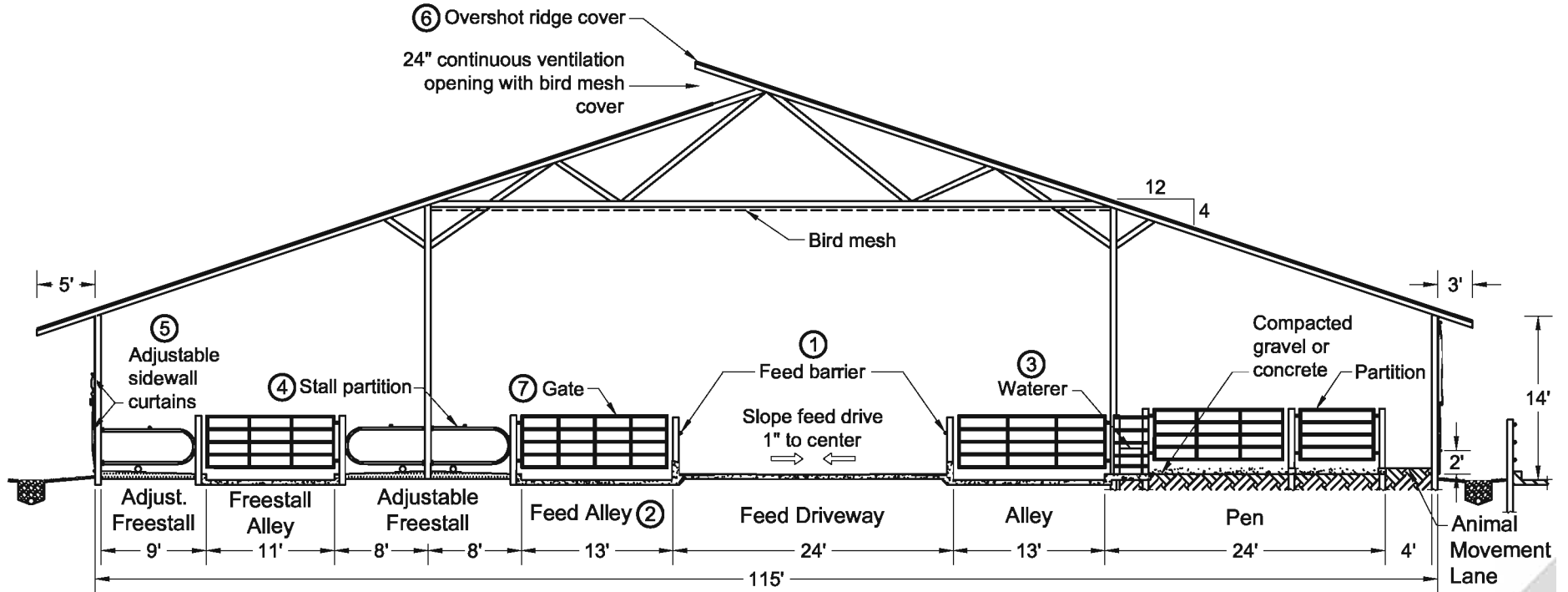
- Structural details to be designed and constructed in accordance with local codes and conditions.
- Orient ridge perpendicular to prevailing winds.

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
- ⑤ DIP 802 Typical Sidewall - Freestall Row
- ⑥ DIP 811 Ridge Openings for Naturally Ventilated Dairy Shelters
- ⑦ DIP 861 Gates and Penwork

HEIFER BEDDED PACK AND THREE ROW FREESTALL SHELTER, DRIVE-THROUGH FEEDING, 300 POUNDS TO 1 MONTH PRE-FRESH, 7 GROUPS, 176 ANIMALS
 Graves, McFarland, Tyson, Wilson
 Date: 02/05/07 Sheet #2 of 3

No. DIP 568



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 :

- 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 802 Typical Sidewall - Freestall Row
- ⑥ DIP 811 Ridge Openings for Naturally Ventilated Dairy Shelters
- ⑦ DIP 861 Gates and Penwork

HEIFER BEDDED PACK AND THREE ROW FREESTALL SHELTER, DRIVE-THROUGH FEEDING, 300 POUNDS TO 1 MONTH PRE-FRESH, 7 GROUPS, 176 ANIMALS
 Graves, McFarland, Tyson, Wilson
 Date: 02/05/07 Sheet #3 of 3

No. DIP 568