

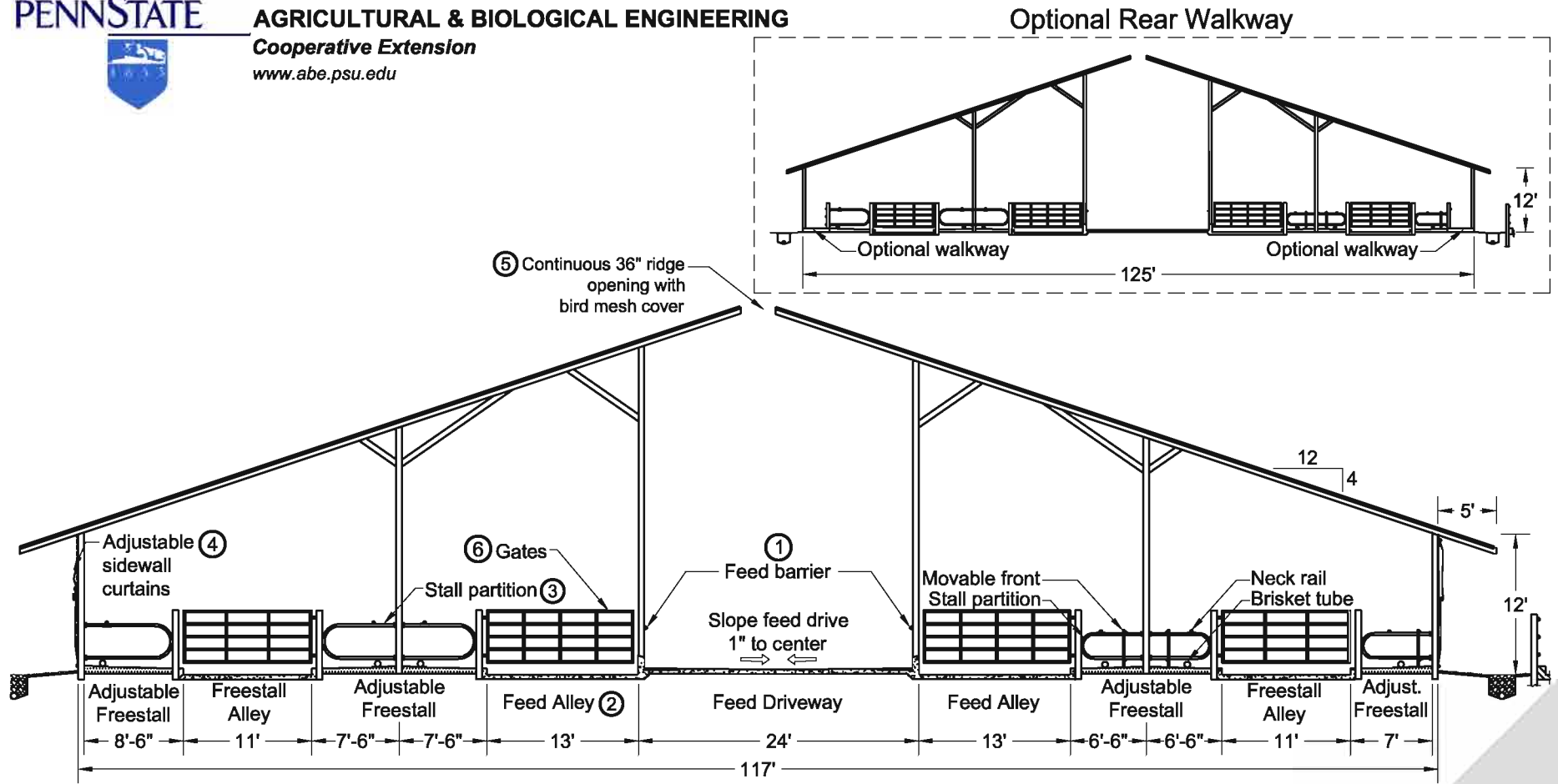
Notes :

- Structural details to be designed and constructed in accordance with local codes and conditions.
- Provide a gated worker pass through in each group for easy access.
- Plan shows 6 groups of 50, 90 and 93 stalls. 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 FREESTALL SHELTER,
SIX ROW DRIVE-THROUGH FEEDING,
500 POUNDS TO 1 MONTH PRE-FRESH,
6 GROUPS, 383 STALLS**
Graves, McFarland, Tyson, Wilson
Date: 02/05/07 Sheet #1 of 3



Post and Beam Roof 1
 Cross Section 2

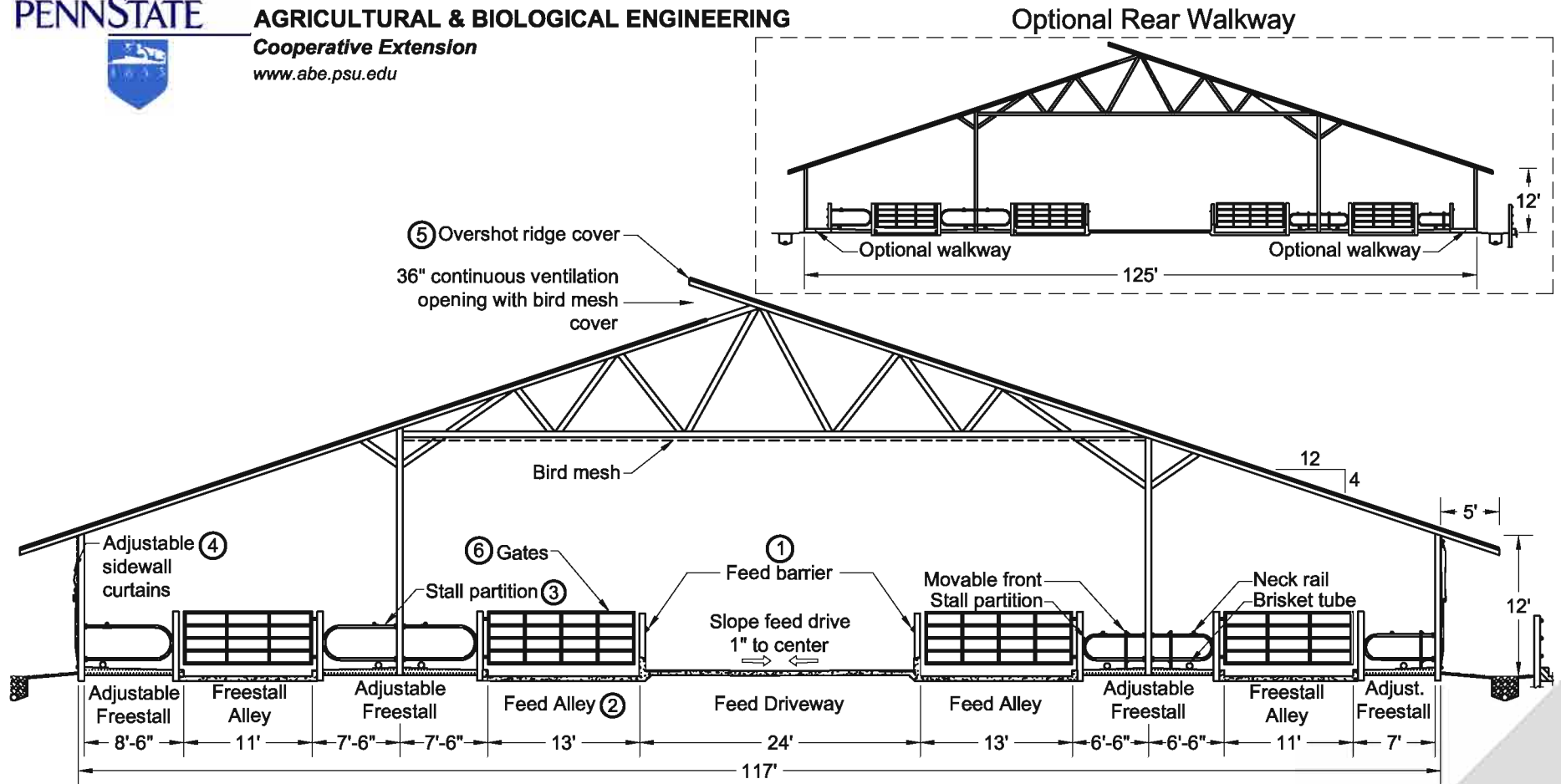
Notes :

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

Related Detail Sheets :

- ① DIP 831 Fenceline Feed Barriers
- ② DIP 851 Freestall Crossovers and Floor Surface Details
- ③ DIP 822 Heifer Freestall Partitions
- ④ DIP 802 Typical Sidewall - Freestall Row
- ⑤ DIP 811 Ridge Openings for Naturally Ventilated Dairy Shelters
- ⑥ DIP 861 Gates and Penwork

**HEIFER FREESTALL SHELTER,
 SIX ROW DRIVE-THROUGH FEEDING,
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 Graves, McFarland, Tyson, Wilson
 Date: 02/05/07 Sheet #2 of 3



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 overshoot ridge opening away from prevailing winds.

Related Detail Sheets :

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- ② DIP 851 Freestall Crossovers and Floor Surface Details
- ③ DIP 822 Heifer Freestall Partitions
- ④ DIP 802 Typical Sidewall - Freestall Row
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