

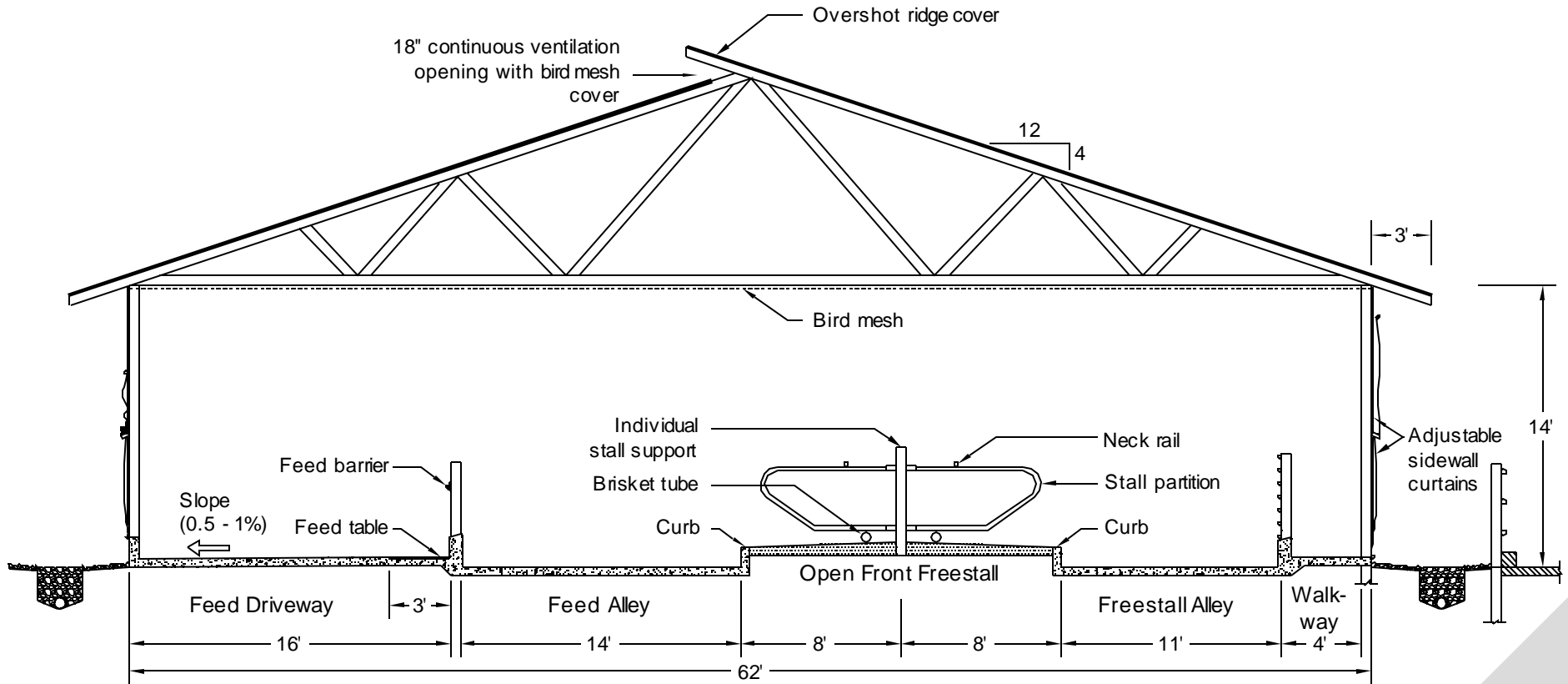
Notes :

- Structural details to be designed and constructed in accordance with local codes and conditions.
- Provide 125 to 150 sq. feet of pack per head in Maternity Area.
- Barn is based on a herd of 150 cows with a 60 day dry period.
- Provide a crossover every 15 to 20 stalls (60 - 80').
- Provide minimum of two waterer locations per group and 3" of trough length per cow in all milking groups.
- Provide worker pass throughs at/in gates and spaced along feed barrier for safety and handling ease.
- Provide night time lighting (5 - 10 foot-candles) for animal observation and safety. Also provide supplementary lighting (20 - 30 foot-candles) and convenience outlets to accommodate animal examination and treatment.
- Contact milk inspection agency when developing plans for milking cows.

Related Detail Sheets :

- DIP 821 Cow Freestall (Cubicle), Types and Details
- DIP 831 Fenceline Feed Barriers
- DIP 841 Watering Locations for Dairy Cattle
- DIP 851 Freestall Crossovers and Floor Surface Details

**DRY COW - MATERNITY  
FREESTALL SHELTER PER  
150 TOTAL MILKING COWS**  
Tyson, Graves, McFarland, Wilson  
Date: 12/01/05 Sheet #1 of 3



Gable Roof  
Cross Section with Freestall



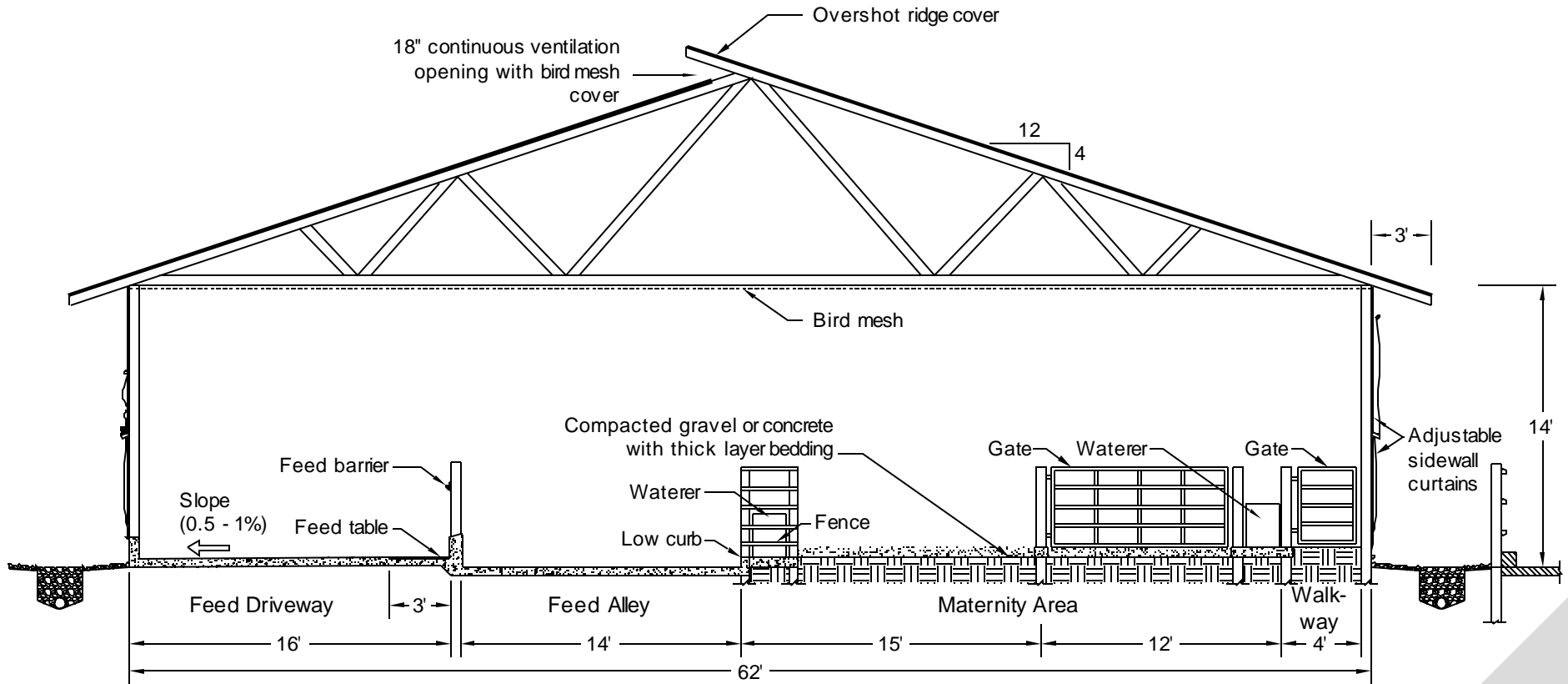
Notes :

- 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 feeding equipment.
- Contact milk inspection agency when developing plans for milking cows.

Related Detail Sheets :

- DIP 801 Typical Sidewall - Outside Alley
- DIP 811 Ridge Openings for Naturally Ventilated Dairy Shelters
- DIP 821 Cow Freestall (Cubicle), Types and Details
- DIP 831 Fenceline Feed Barriers
- DIP 851 Freestall Crossovers and Floor Surface Details

**DRY COW - MATERNITY  
FREESTALL SHELTER PER  
150 TOTAL MILKING COWS**  
Tyson, Graves, McFarland, Wilson  
Date: 12/10/05 Sheet #2 of 3



Gable Roof  
Cross Section with Maternity Area 1  
3

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 feeding equipment.
- Contact milk inspection agency when developing plans for milking cows.

Related Detail Sheets :

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**DRY COW - MATERNITY  
FREESTALL SHELTER PER  
150 TOTAL MILKING COWS**  
Tyson, Graves, McFarland, Wilson  
Date: 12/10/05 Sheet #3 of 3