

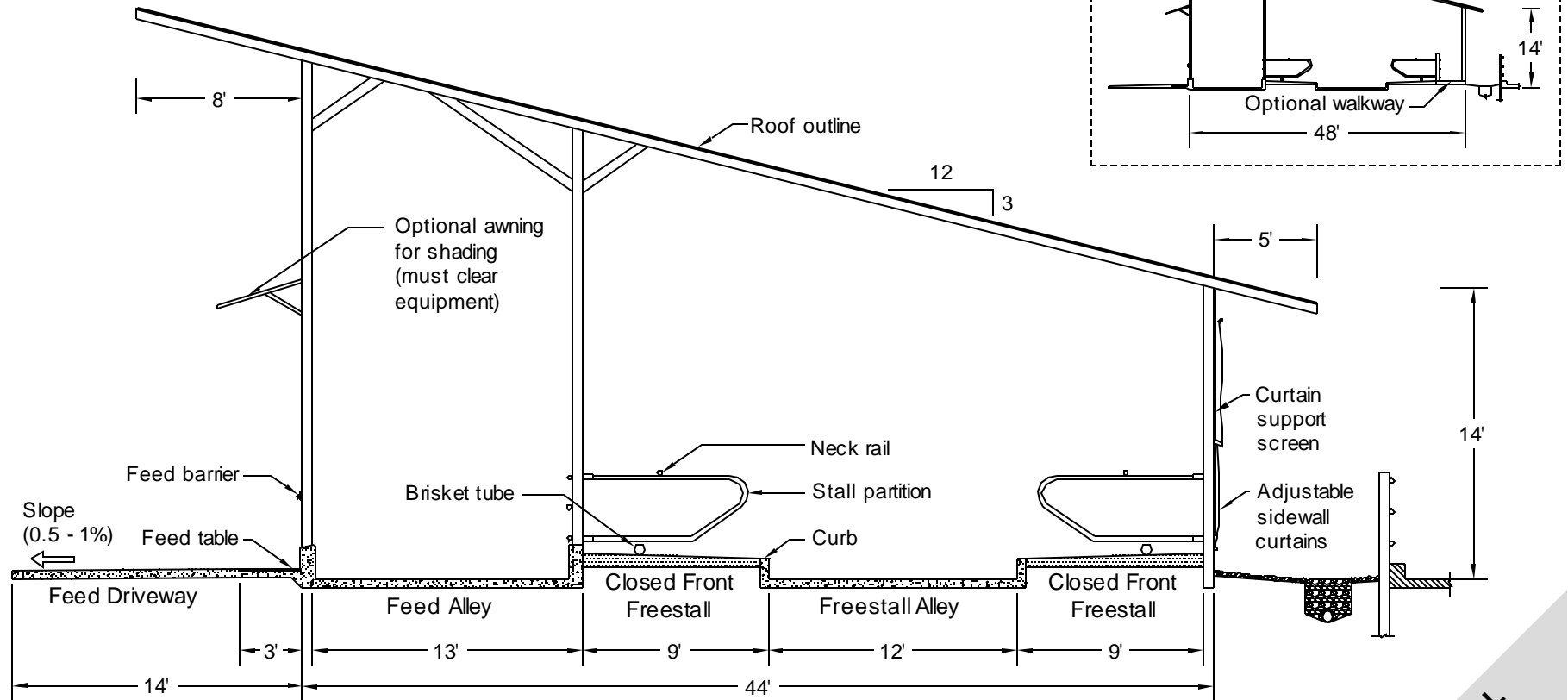
Notes :

- Structural details to be designed and constructed in accordance with local codes and conditions.
- 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.
- 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

TWO ROW TAIL TO TAIL FREESTALL SHELTER, OUTSIDE FEED DRIVEWAY - 62 STALLS
 Graves, McFarland, Tyson, Wilson
 Date: 11/29/05 Sheet #1 of 3



Monoslope Roof
Cross Section 1
2

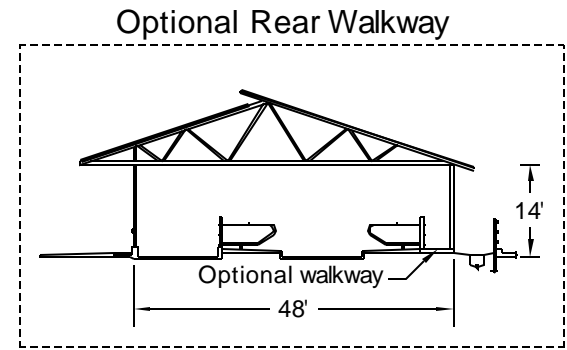
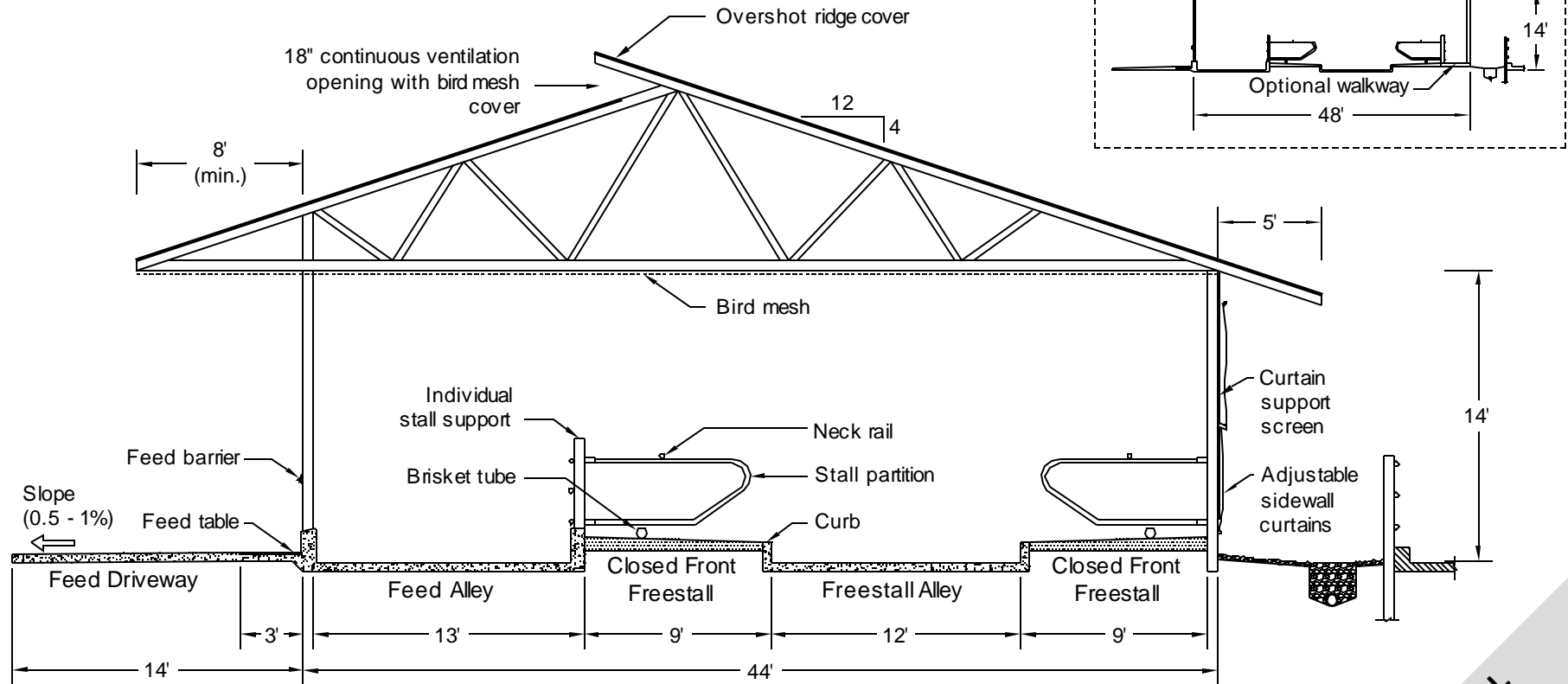
Notes :

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

Related Detail Sheets :

- DIP 802 Typical Sidewall - Freestall Row
- DIP 821 Cow Freestall (Cubicle), Types and Details
- DIP 831 Fenceline Feed Barriers
- DIP 851 Freestall Crossovers and Floor Surface Details

**TWO ROW TAIL TO TAIL FREESTALL
SHELTER, OUTSIDE FEED DRIVEWAY
- 62 STALLS**
 Graves, McFarland, Tyson, Wilson
 Date: 11/29/05 Sheet # 2 of 3



Gable Roof
Cross Section 1
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.
- Truss must be designed for overhang on one end.
- Roof overhang must clear feed equipment.
- Contact milk inspection agency when developing plans for milking cows.

Related Detail Sheets :

- DIP 802 Typical Sidewall - Freestall Row
- 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

TWO ROW TAIL TO TAIL FREESTALL SHELTER, OUTSIDE FEED DRIVEWAY - 62 STALLS
Graves, McFarland, Tyson, Wilson
Date: 11/29/05 Sheet #3 of 3