

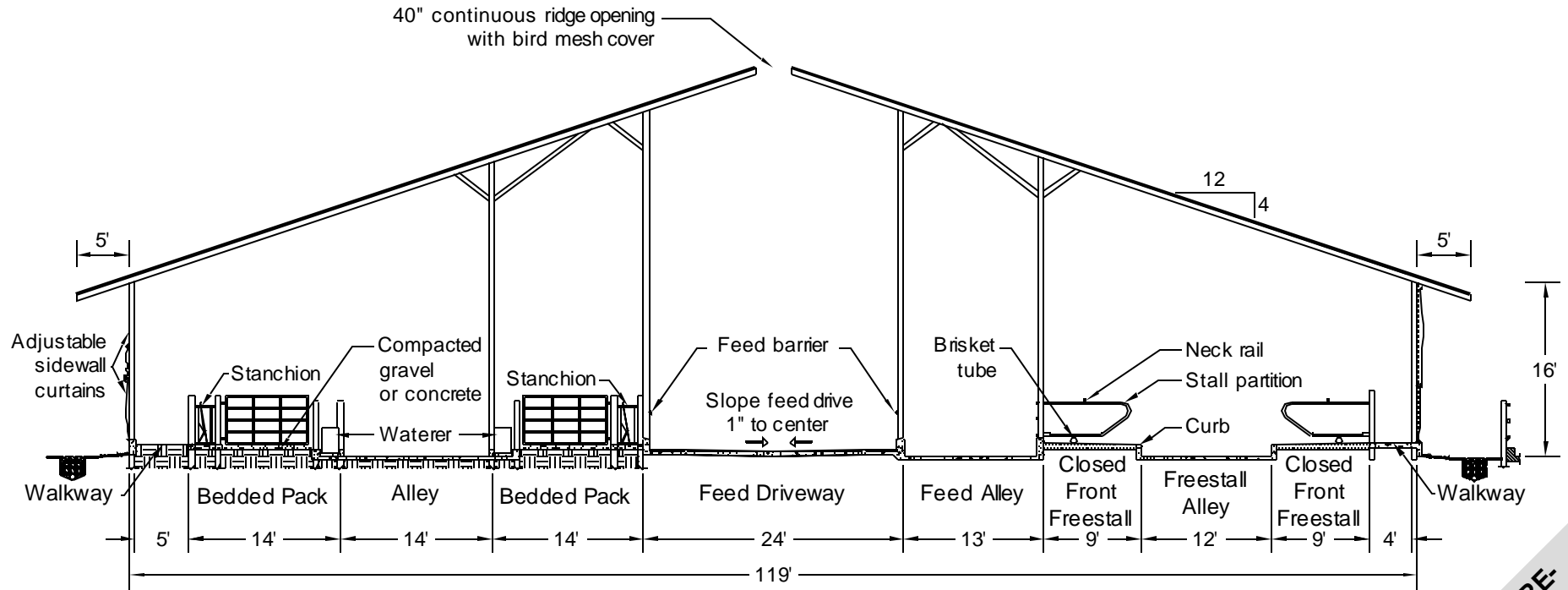
Notes :

- 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.
- 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.
- Provide a stanchion in each pen for animal restraint 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

COMPLETE MATERNITY, DRY COW, POST-FRESH FREESTALL SHELTER, DRIVE-THROUGH FEEDING
 Wilson, Graves, Tyson, McFarland
 Date: 02/10/2006
 Sheet #1 of 3



Maternity Area and Post-Fresh Area
Cross Section 1
2

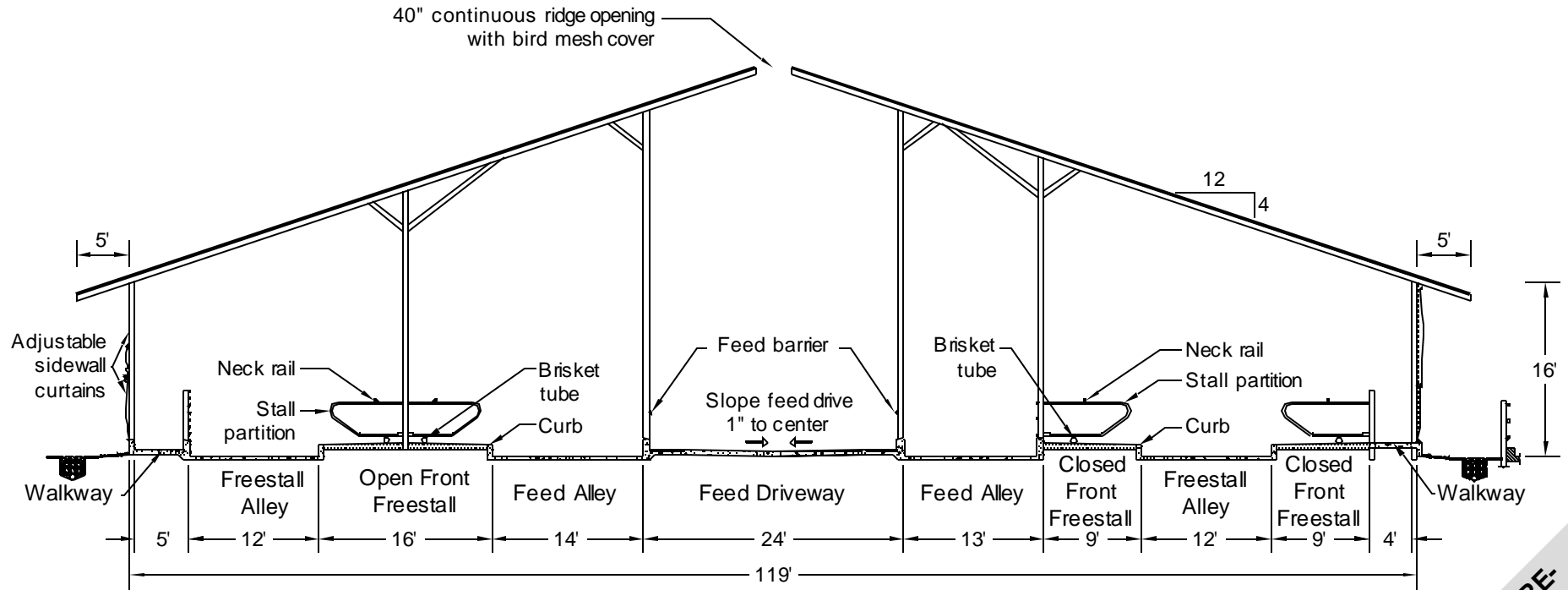
Notes :

- Structural details to be designed and constructed in accordance with local codes and conditions.
- Orient ridge perpendicular to prevailing winds.
- 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 841 Watering Locations for Dairy Cattle
- DIP 851 Freestall Crossovers and Floor Surface Details

**COMPLETE MATERNITY, DRY COW, PRE-
/POST-FRESH FREESTALL SHELTER,
DRIVE-THROUGH FEEDING**
Wilson, Graves, Tyson, McFarland
Date: 02/03/06 Sheet #2 of 3



Pre-Fresh Area and Far-Off Area
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.
- 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

**COMPLETE MATERNITY, DRY COW, PRE-
/POST-FRESH FREESTALL SHELTER,
DRIVE-THROUGH FEEDING**
Wilson, Graves, Tyson, McFarland
Date: 02/03/06 Sheet #3 of 3