Notes:
- Structural details to be designed and constructed in accordance with local codes and conditions.
- Put plywood on gates if drafts are a problem with younger animals.
- 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.

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
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.

Related Detail Sheets:
1. DIP 831 Fenceline Feed Barriers
2. DIP 861 Freestall Crossovers and Floor Surface Details
3. DIP 842 Watering Locations for Dairy Calves and Heifers
4. DIP 801 Typical Sidewall - Outside Alley
5. DIP 861 Gates and Penwork
Notes:
- Structural details to be designed and constructed in accordance with local codes and conditions.
- Orient overshot ridge perpendicular to prevailing winds.
- Truss must be designed for overhang on one end.
- Roof overhang must clear feed equipment.

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 801 Typical Sidewall - Outside Alley
5. DIP 811 Ridge Openings for Naturally Ventilated Dairy Shelters
6. DIP 861 Gates and Penwork
Notes:
- Structural details to be designed and constructed in accordance with local codes and conditions.
- Orient overshot ridge perpendicular to prevailing winds.
- Ceiling height must clear feed equipment.

Related Detail Sheets:
1. DIP 831 Fenceline Feed Barriers
2. DIP 861 Freestall Crossovers and Floor Surface Details
3. DIP 842 Watering Locations for Dairy Calves and Heifers
4. DIP 801 Typical Sidewall - Outside Alley
5. DIP 811 Ridge Openings for Naturally Ventilated Dairy Shelters
6. DIP 861 Gates and Penwork

BEDDED PACK HEIFER SHELTER: 300 POUNDS TO 1 MONTH PRE-FRESH, 5 GROUPS, 60 ANIMALS
14'x58' PLUS TWO ROW HEIFER FREESTALL
FITS TWO ROW HEIFER FREESTALL
Graves, McFerland, Tyson, Wilson
Date: 01/01/07
Sheet 4 of 4
No. DIP 531