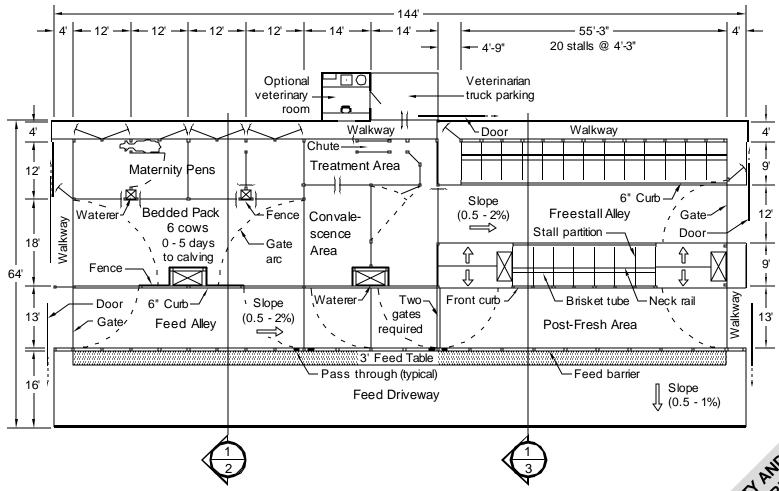
# PENNSTATE AGRICULTURAL & BIOLOGICAL ENGINEERING



# Cooperative Extension

www.abe.psu.edu



#### Notes:

- Structural details to be designed and constructed in accordance with local codes and conditions.
- Provide minimum of two waterer locations per group and 3" of trough length per cow in all milking groups.
- Allow access to the bedded pack and maternity pens for tractor cleaning.
- Contact milk inspection agency when developing plans for milking cows.

### Related Detail Sheets :

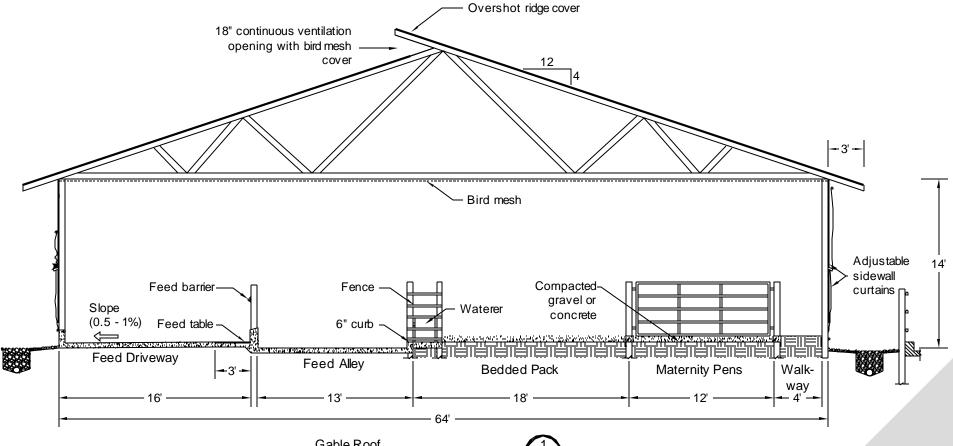
- DIP 821 Cow Freestall (Cubicle), Types and Details
- DIP 831 Fenceline Feed Barriers
- DIP 841 Watering Locations for Dairy Cattle
- DIP 851 Freestall Crossovers and Floor Surface Details

MATERIAL POST SHELL WISON OF SHEET AND ASSOCIATED ASSOC

No. DIP 431

# PENNSTATE AGRICULTURAL & BIOLOGICAL ENGINEERING





Gable Roof

Cross Section with Pre-Fresh Area

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

### Related Detail Sheets :

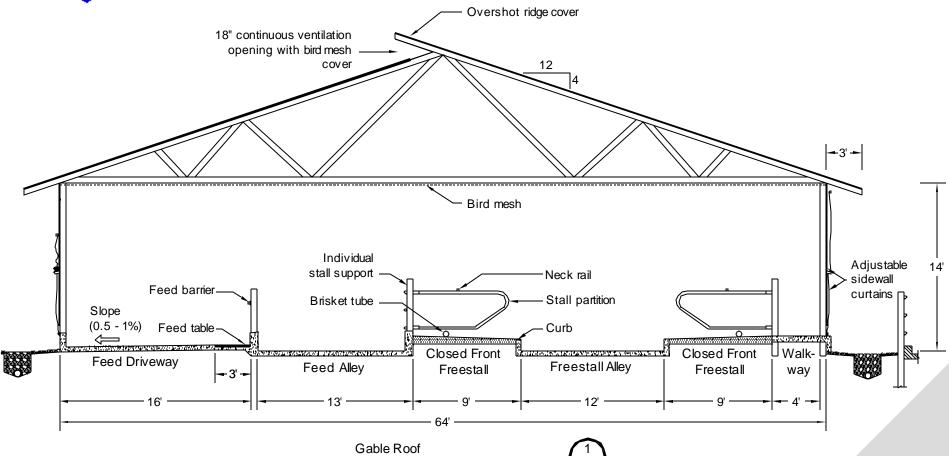
- DIP 802 Typical Sidewall Freestall Row
- DIP 811 Ridge Openings for Naturally Ventilated Dairy Shelters
- DIP 831 Fenceline Feed Barriers
- DIP 841 Watering Locations for Dairy Cattle
- DIP 851 Freestall Crossovers and Floor Surface Details

MATERIAL AND SHETTER
FREESTALL SHETTER
FREESTALL SHETTER Graves Nach McGarland, Wilson

No. DIP 431

# PENNSTATE AGRICULTURAL & BIOLOGICAL ENGINEERING





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

### Related Detail Sheets:

Cross Section with Post-Fresh Area

- 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

PREESTALL SHELFER Graves Neon McFarland, wilson

No. DIP 431