

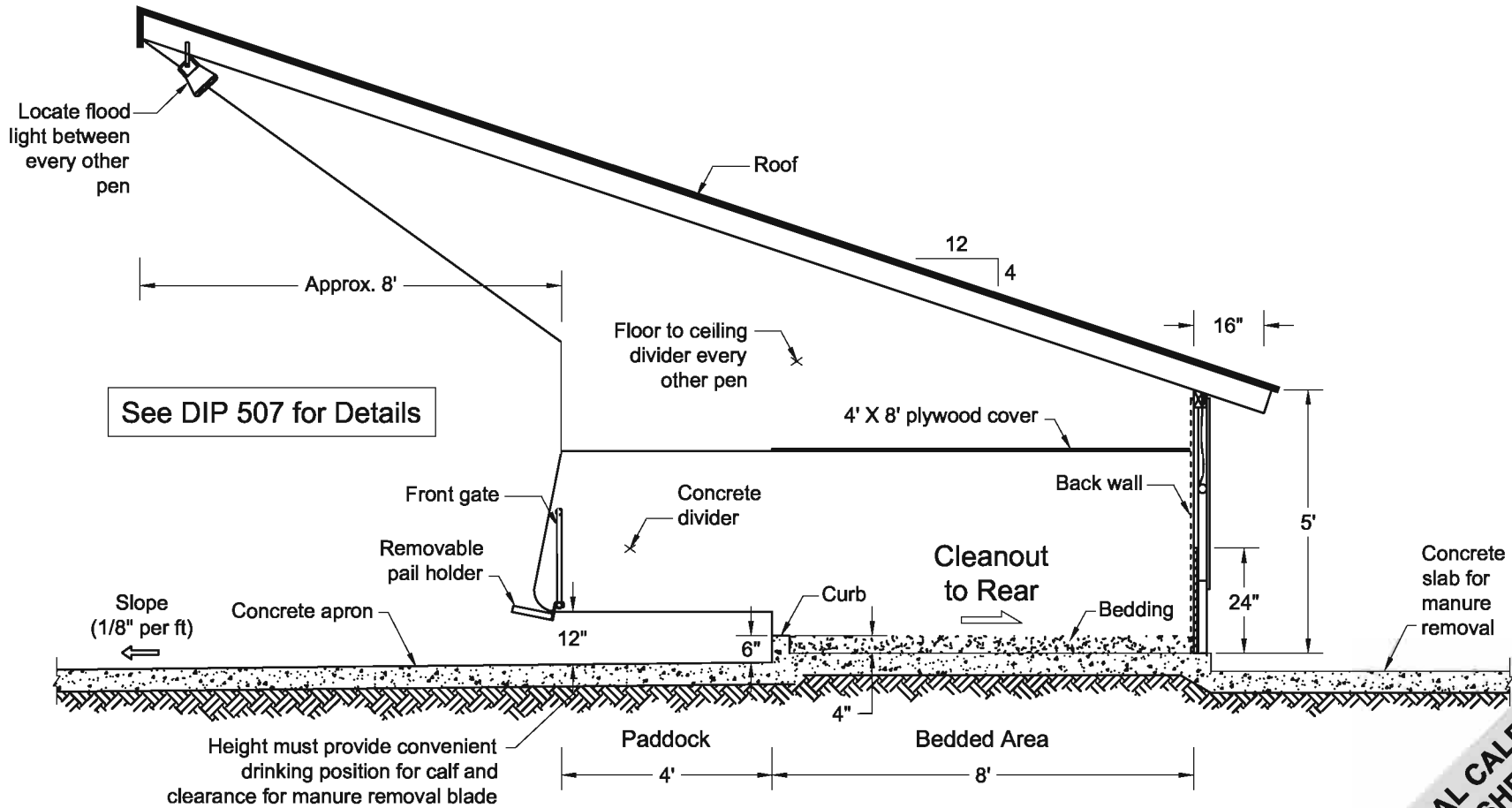
Notes :

- Structural details to be designed and constructed in accordance with local codes and conditions.
- Consult a structural engineer for roof system design details.
- Face open front away from prevailing winter winds.
- Open front facing SE will provide afternoon shading in hot weather.

Related Sheets :

- ① DIP 507 Mason-Dixon Individual Calf Pen Shelter
- ② DIP 511 Weaned Calf Shelter, Weaned to 300 Pounds

**MASON-DIXON INDIVIDUAL CALF PEN AND
 2 WEANED CALF PENS SHELTER - 24
 ANIMALS, BIRTH TO 300 POUNDS**
 McFarland, Graves, Tyson, Wilson
 Date: 01/23/07
 Sheet #1 of 3



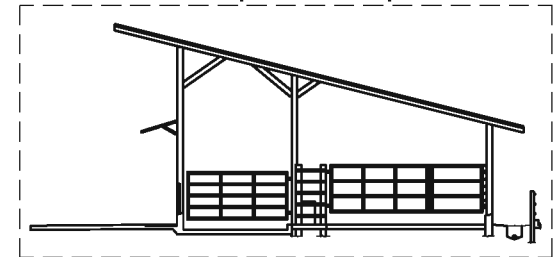
Individual Pen Detail 1
 Cross Section 2

Notes :

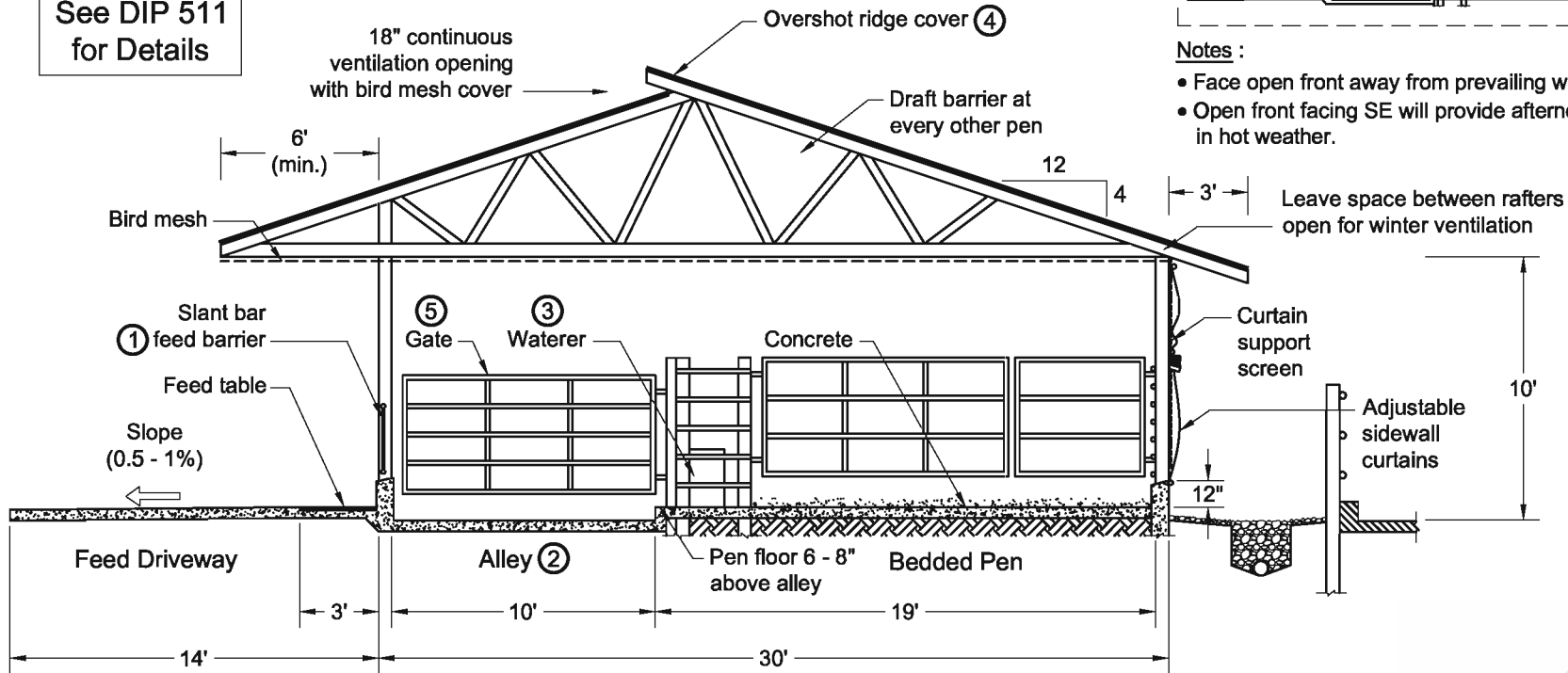
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Monoslope Roof Option



See DIP 511
for Details



Notes :

- Face open front away from prevailing winter winds.
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Weaned Calf Pen 1
 Cross Section 3

Notes :

- Structural details to be designed and constructed in accordance with local codes and conditions.
- Orient ridge perpendicular to prevailing winds.
- Face overshot ridge opening away from prevailing winds.
- Truss must be designed for overhang on one end.
- Roof overhang must clear feed equipment.
- Place floor to ceiling draft barriers every other pen in buildings longer than 30 ft.

Related Detail Sheets :

- ① DIP 831 Fenceline Feed Barriers (Sheet #3)
- ② DIP 851 Freestall Crossovers and Floor Surface Details
- ③ DIP 842 Watering Locations for Calves & Heifers
- ④ DIP 811 Ridge Openings for Naturally Ventilated Dairy Shelters
- ⑤ DIP 861 Gates and Penwork

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 Sheet #3 of 3