An Elevated Crossover in a Freestall Row
Cross Section View

Grooves details:
3/8 - 1/2" wide, 3/8 - 1/2" deep, 3 - 5" on center

Note: Use closer groove spacing for smaller animal

Diamond Pattern Floor Grooves
Plan View

Parallel Pattern Floor Grooves
Plan View

Final surface should be even to provide good support for cows hooves

Grooves details:
3/8 - 1/2" wide, 3/8 - 1/2" deep, with well defined corners

Notes:
- Use 3,500 psi or better air entrained concrete.
- Well drained compacted subgrade.
- 4 - 8" thick floor depending on anticipated vehicle weight.
- Remove sharp edges and exposed aggregate before allowing cows access.
- Form grooves before curing or saw in later.