**Improve**
Sheep Shed.
Sheep shed needs work on siding and roof and paint on doors to improve aesthetics. Interior partitions need repair. Provide space for goats.

**Demolish & Improve**
Existing pavilion.
Existing pavilion should be demolished. If possible, the north half of the structure could remain to serve as a hay/storage shed. If it is not possible to salvage half the existing pavilion, a new hay/storage shed should be built in the location indicated.

**New**
Pavilion.
A new, larger pavilion should be built to provide better classroom and animal handling facilities. Parking should be provided in front of the pavilion. The new road design should direct traffic coming in from the new primary access into the pavilion parking lot.

**New**
Amphitheater.
An amphitheater should be constructed near the pavilion and parking lot to serve as an outdoor classroom. Seating should be provided by natural materials such as boulders or stone blocks and a slab or platform should be provided at the focal point for a table or teaching aids.

**Improve**
Beef barns.
Improvements to the beef barns need to be made to provide safer animal handling. An extended roof over the animal transfer area should be constructed. A grant was recently acquired that should pay for many of the needed improvements.

**Demolish & New**
Swine facilities.
New swine facilities should be a high priority. Weaning and finishing could be combined into a single facility as well as farrowing and gestation. New hoop barns are also provided.

**New**
Poultry barn.
Poultry is currently shared with the Winfield Solutions office it is undersized and in poor condition. A new poultry barn should be built.

**New**
Semi-Solid manure barn.
There is a semi-solid manure barn as part of the DLC complex but it does not have enough capacity to store the manure generated to prevent spreading on frozen ground. Either a larger facility or a second facility is called for. Placing a second facility in the swine, beef, poultry area helps to minimize movements and increase operational efficiency.
Demolish (partial) & New
Roadway & utility corridor.
The roadway serving the farm core is currently comprised of two parallel north-south roads and a diagonal road. The new alignment reduces this to two diagonal roads that connect to the primary access road off Radio Road. The new pavilion is the focus of that connection point. The road is intended to be designed so that traffic is directed into the pavilion parking lot, although vehicles may proceed to the farm core if desired. The road will be widened to allow two way traffic – two 11’ lanes.

Currently underground utilities are not aligned within a backbone corridor. This plan calls for underground utilities to be brought into alignment with the two roads serving the farm core.

Improve
Animal movement.
The relationship of the pavilion with beef, swine and sheep facilities and the road/drive network is designed to facilitate safe animal movements without having to load animals on a vehicle for short distance transport as currently happens. A system of gates and chutes will guide animals while providing flexibility for movement of vehicles and people.

Demolish & New
Machine shed, storage, Winfield Solutions office.
The existing machine shed, hay shed and green shed should be demolished and a new machine shed with storage and an office for Winfield Solutions should be constructed.

Demolish
Silos.
Silos are no longer needed and they are a safety hazard. Horizontal silage bags are now used in place of silos.

Repurpose
MVF office to storage.
The existing Mann Valley Farm office may relocate to the site of the expo arena and the existing building will be converted to a storage facility.

New
Isolation/analysis.
There currently is no facility that can be used to isolate/quarantine animals for disease prevention or testing. Such a facility is planned as indicated. It is located away from the main traffic flow and other animals.

Improve
High tunnel.
The existing high tunnel will be expanded to provide improved horticulture facilities on the MVF.

Demolish & New
Farm housing.
Demolish existing housing and construct new housing to provide 16 rooms for the farm manager & short term visitors.