1. Straight concrete endwalls are intended for use with the clear zone.

2. Details may be cast-in-place or precast construction. Cast-in-place endwalls shall be in accordance with the details on this index, design specifications, and construction practices. Precast construction standards shall be determined by the Contractor or supplier. These details are not intended for precut or precast concrete endwalls. These details are not intended for precut or precast concrete endwalls.

3. Reinforcing steel shall be either Grade 40 or 60.

4. Concrete shall be Class II except concrete meeting the requirements of ASTM C 496 (4000 psi) may be used in lieu of Class II concrete in precast units manufactured in plants which are under the Standard Operating Procedures for the Inspection of precast drainage products.

5. Cheaters All exposed edges and corners to be chamfered unless otherwise shown.

6. Use of corrugated metal pipe in direct contact with the concrete endwall and extending 2' beyond shall be drivable coated in accordance with the manufacturer's recommendations.

7. Sufficient sealant in accordance with the manufacturer's recommendations.

8. The quantity of corrugated metal pipe in direct contact with the concrete endwall and extending 2' beyond shall be drivable coated prior to placing the concrete.

NOTE: All dimensions are to be checked and verified with the Engineer.

GENERAL NOTES:

- Cut and field bend bars in as shown.
- Special notes for each section.

OPTIONS FOR CONCRETE PIPE:

- Use of corrugated metal pipe in direct contact with the concrete endwall and extending 2' beyond shall be drivable coated prior to placing the concrete.