GENERAL NOTES

1. This skimmer is intended for use on Type C, D, or E. Often bottom inlet that are used as outlet control structures at water control management facilities.

2. The skimmer plate is dimensionally accurate, therefore they may be used on either side of the structure.

3. Two (2) skimmers may be connected on one structure provided they are on opposite sides.

4. The water level at the outlet panel dimension is the same as the skimmer dimension across the front of the structure.

5. The front panel, side panels, and flat bar are to be hot dipped galvanized after fabrication.

6. The location of the reinforcing bars in these structures must conform to the applicable standards to avoid conflict with the expansion anchors used to attach the skimmer.

7. Grout is to be used on the front panels unless specified in the plan.

8. A skimmer consists of two (2) side panels, one front panel, two (2) flat bars, and necessary hardware. The cost of skimmer is to be included in the cost of the inlet.

DESIGN NOTES

1. The designer shall ensure, in the grade, the skimmer height (dimension H) and the alignment where the inlet side and skimmer are located. The skimmer height must be one of the dimensions shown in the table on Sheet 2. The skimmer should be used on structure sides with outside dimensions greater than 6'-4".

2. To minimize hydraulic losses across the skimmer, the flow area under the skimmer should be three times greater than the flow area of the inlet. The outlet panel dimension of the structure and the skimmer width should not exceed 11'-6".

3. The configuration of skimmers may be subject to regulatory requirements. The designer shall provide the structure with a skimmer attached to the skimmer dike with the necessary equipment.

4. Where this skimmer is used, the designer shall reference this note with the outlet control structure details. Where a different skimmer design is needed, the designer shall provide skimmer details in the plan.

5. The designer shall include a grate if a grate is needed for safety reasons. Where a grate is not needed for safety reasons and is not desirable for aesthetic or other reasons, the designer may omit the grate by noting it in the outlet control structure details.

6. The designer shall show the configuration of the inlet side in the outlet control structure details.