NOTES

1. The diameter of the end section of Design B shall match the inside diameter of the concrete pipe.

2. Skirt sections shall be made in one piece for round pipe with a diameter of 12" to 24" inclusive, and for pipe arches with a rise of 10" to 20" inclusive. Skirt sections for larger sizes of pipes may be multiple pieces in combination with the isolated pieces shown.

3. Design A and sections for 42" thru 84" diameter and 48" x 36" thru 58" x 65" arch with annular corrugations and all helically corrugated pipe arch include one foot of lap length as a connector section. The connector section shall be attached to the end section by welding, rivets or bolts and shall be the same thickness as the end section.

4. Design C may be used in lieu of Design A for all round pipe sizes except as noted. Coupling bands may be any acceptable type for the pipe specified.

5. Multiple panel skirts shall have 2" lap seams tightly joined by 3/8" stainless steel rivets or galvanized bolts on 8" max. centers.

6. The reinforced edges of the following size End Sections shall be supplemented with galvanized steel smooth angles:
   - 50" thru 72" diameter pipe................. 2" x 2" x 1/4" angle
   - 78" and 84" diameter pipe, and
   - 77" x 82" & 83" x 57" pipe arch.......... 2 1/2" x 2 1/2" x 1/4" angle

The above galvanized angles shall be attached by 3/8" galvanized nuts and bolts.

7. Galvanized steel angle reinforcement will be placed under the center panel seams on the 72" thru 84" diam. pipe and 77" x 82" & 83" x 57" pipe arch End Sections.

8. As an alternative to the connector lug and threaded rod used on 12" thru 36" outside pipe, the attachment may be made with a 1" wide strap, 10 gauge galvanized steel fastened with a 1/2" diam., 6" long galvanized bolt and one squarehead nut.

9. The diameter of the concrete pipe shall be 3/8" greater than the inside diameter of the pipe arch include one foot of lap length as a connector section. The connector section shall be attached to the end section by welding, rivets or bolts and shall be the same thickness as the end section.

The reinforced edges of the following size End Sections shall be supplemented with galvanized steel smooth angles:
   - 50" thru 72" diameter pipe................. 2" x 2" x 1/4" angle
   - 78" and 84" diameter pipe, and
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The above galvanized angles shall be attached by 3/8" galvanized nuts and bolts.

10. Galvanized steel angle reinforcement will be placed under the center panel seams on the 72" thru 84" diam. pipe and 77" x 82" & 83" x 57" pipe arch End Sections.

11. As an alternative to the connector lug and threaded rod used on 12" thru 36" outside pipe, the attachment may be made with a 1" wide strap, 10 gauge galvanized steel fastened with a 1/2" diam., 6" long galvanized bolt and one squarehead nut.

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The above galvanized angles shall be attached by 3/8" galvanized nuts and bolts.

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